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TABLES, FACTORS, AND FORMULAS FOR COMPUTING RESPIRATORY EXCHANGE AND BIOLOGICAL TRANSFORMATIONS OF ENERGY

PREPARED BY
THORNE M. CARPENTER

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INTRODUCTION.

The number of investigators in the total metabolism of matter and transformations of energy in man, animals, and plants is rapidly increasing, as well as the number of individuals (principally clinicians) who are making practical applications of the methods used and the results obtained in these fields. The apparatus used and the methods of calculation applied necessitate frequently the use of tables and conversion factors. The tables most used are those in connection with the measurements of respiratory exchange, the reduction of gas volumes to standard conditions, computation of heat, and the standards of normal metabolism. At present these are published in various places and no adequate compilation of them exists.

The purpose of this publication is to make available to investigators the majority of tables and conversion factors needed in calculations of results from measurements obtained by the several types of respiratory exchange apparatus, particularly the Regnault-Reiset and the combination of spirometer, valves, and breathing appliance, and to make available the standards of normal metabolism.

The method of presentation is as follows: A section giving the method of construction and calculation of the tables and their application is followed by the section giving the tables themselves. The last part gives formulas and conversion factors which may be of use.

The tables and factors have been collected from various sources and principally from Smithsonian Physical Tables, 1896, 1920; Smithsonian Geographical Tables, 1918; Landolt-Börnstein Physikalisch-chemische Tabellen, 1905; Jeleniks Psychrometer-Tafeln, 1911; articles published in the Archives of Internal Medicine by workers of the Russell Sage Institute of Pathology and the Cornell Medical School; publications of the Carnegie Institution of Washington; Armsby's Principles of Animal Nutrition, 1906; and Joslin's Treatment of Diabetes Mellitus, 1917. Some of the tables have been computed by the staff of the Nutrition Laboratory.

This publication was prepared at the suggestion of Professor Francis G. Benedict, whose advice in the selection and ranges of the tables has been very helpful.

The calculation and preparation of the majority of the tables have been under the supervision of Mr. W. H. Leslie and their accuracy is due to his painstaking care. He was assisted
Clara E. Borden, Miss Mary D. Finn, and Mrs. F.

has also been helpful in the wording of headings and the section on description and uses of the tables.

Acknowledgment is made to Professor G. W. Pierce, of Harvard College, for his advice in the preparation of the tables of physical constants.

DESCRIPTION AND USE OF TABLES.

TABLE 1. *Conversion of seconds to decimal parts of a minute.*

This table is obtained by dividing the number of seconds by 60 and expressing the result to the nearest 0.01 minute. It is useful where time is observed in minutes and seconds and where it is necessary in computation to convert to minutes and decimal parts. The same table can be used to ascertain the decimal fraction of an hour corresponding to minutes.

TABLE 2. *Pressure of aqueous vapor at dry-bulb temperatures 15° to 25° C. for relative humidities between 30 and 75 per cent.*

This table gives the pressure of aqueous vapor in millimeters of mercury to 0.1 millimeter for temperatures of the dry-bulb ranging from 15° to 25° C. and of the wet-bulb from 8.0° to 21.9° C. It is mainly useful for obtaining from the readings of a wet-bulb and dry-bulb psychrometer the partial pressure due to water-vapor when the gas is neither saturated nor dry and it is desired to calculate the reduction of the volume to 760 millimeters dry. Its practical application is in connection with experiments with respiration chambers. The side argument is for the dry-thermometer readings to 0.1° C. and the top argument gives the readings of the wet thermometer to 0.1°.

TABLE 3. *Pressure of aqueous vapor at saturation.*

The table gives the pressure of water-vapor in 0.01 millimeter mercury at temperatures to 0.1° C., ranging from 10.0 to 36.9° C., when a gas is completely saturated. It is useful in calculating the reduction of gas volumes to 760 millimeters dry when they are observed under the conditions of complete saturation at any given temperature. In combination with table 2, relative humidities can be calculated (within 1 per cent) by dividing the millimeters pressure at the given wet-bulb and dry-bulb thermometer readings by the millimeters pressure for saturation at the temperature of the dry-bulb thermometer. The result multiplied by 100 will give percentage relative humidity. The top argument gives the 0.1°; the side argument 1.0°. The table is from Smithsonian Physical Tables, 1920, pp. 183, 184.

TABLE 4. *Millimeters to be subtracted from barometer (brass-scale) readings to reduce them to 0° C.*

The correction necessary to be applied to readings obtained from a barometer having a brass scale, in order to change them to a temperature of 0° C., is given to 0.01 millimeter mercury for temperatures ranging from 11.0° to 36.0° C. and for barometric pressures from 740 to 780 millimeters. The table is used in connection with calculations of reduction of gases to 760 millimeters, where a brass-scale barometer has been used. The top argument is pressure every 10 millimeters. The side argument is temperature every 0.5° C. It is from Landolt-Börnstein Physikalisch-chemische Tabellen, 1905, page 35.

TABLE 5. *Logarithms of $p/760$ for barometric pressures between 700.0 and 780.9 millimeters.*

This table is calculated by subtracting the logarithm of 760 from the logarithm of the barometric pressure corrected to 0° C. It is used in computing the reduction of gas volumes to a pressure of 760 millimeters, where p equals the observed pressure corrected to 0° C., by means of table 4.

TABLE 6. *Logarithms of $\frac{1}{1+0.00367\,t}$ for temperatures between 11.0° and 36.09° C.*

The table is calculated by computing the cologarithms for values of $1+0.00367\,t$, where t equals the temperature in degrees centigrade. It is used in calculating the reduction of gas volumes to 0° C. from observed temperature t. The top argument is from 0.00° to 0.09° C. The side argument is in tenths of a degree centigrade.

TABLE 7. *Logarithms for the reduction of saturated volumes to 0° C. dry and 760 millimeters pressure.* $\left(\frac{1}{1+0.00367\,t}\times\frac{p-e}{760}\right)$

t = temperature, p = barometric pressure corrected to 0° C., and e = pressure of aqueous vapor at t.

This table is calculated by subtracting the pressure of aqueous vapor (e) at t as found in table 3, page 30, from the barometer reading p corrected to 0° C. for scale correction. The logarithm of $p/760$ is then found in table 5, page 32, and added to the logarithm of $1/1+0.00367\,t$ as found in table 6, page 34. The table is useful for the calculation of reduction of gas volumes to 0° and 760 millimeters where the volumes are measured under conditions of atmospheric pressure, known temperature, and saturated with aqueous vapor such as expired air collected in a spirometer or passed through a wet-gas meter. The top argument gives the barometric pressure in millimeters. The side argument gives the temperature t to 0.1° C.

TABLE 8. *Factors for reduction of saturated volumes to* 0° *C. dry and* 760 *millimeters pressure.* $(1/1 + 0.00367\,t) \times (p - e/760)$ t = temperature, p = pressure, e = pressure of aqueous vapor at temperature t.

The table is calculated in the same manner as table 7, except that the factors themselves are used instead of the logarithms. The table was actually constructed by reading the antilogarithms of table 7. The top argument is in millimeters pressure—that is, the observed reading corrected for temperature. The side argument gives the temperature t to 0.1° C.

TABLE 9. *Logarithms for reduction of volumes to* 0° *C. and* 760 *millimeters pressure.* $(1/1+0.00367\,t) \times (p/760)$

The table is calculated by adding the logarithm of $p/760$ as found in table 6, page 34. The barometric pressure p in this table is the observed reading corrected to 0° C. and t is the observed temperature. No attention is paid to the condition of saturation. The table is used in the reduction to 0° C. and 760 millimeters pressure of volumes of oxygen absorbed, measured with the portable respiration apparatus. The top argument is in millimeters barometric pressure. The side argument is in 0.1° C.

TABLE 10. *Factors for reduction of volumes to* 0° *C. and* 760 *millimeters pressure.* $(1/1+0.00367\,t) \times (p/760)$

The table represents the products of the fraction $1/1+0.00367\,t$, where t equals the temperature, and the fraction $p/760$, where p equals the barometric pressure corrected to 0° C., but uncorrected for pressure of aqueous vapor. The table was actually constructed by finding the antilogarithms of table 9, page 71. It is used for the same purpose as table 9, when calculations are carried out without the use of logarithms.

TABLE 11. *Volumes of oxygen in incoming air corresponding to* 100 *volumes of outgoing air with different percentages of nitrogen.* 79.03 : p. ct. N_2 :: 20.94 : x; where x equals volumes of oxygen in incoming air.

The table is calculated by means of the proportion indicated above, the computation being carried out for all percentages of nitrogen in outgoing air from 78.50 to 80.50 at intervals of 0.01 per cent. The table is used in calculating the oxygen deficit of expired air when the expired air is collected and analyzed for carbon dioxide and oxygen. It is assumed that the inspired air has the same composition as outdoor air, namely, 20.94 per cent oxygen, 79.03 per cent nitrogen, and 0.03 per cent carbon dioxide. The top argument is

from 0.00 to 0.09 per cent by 0.01 intervals. The side argument is from 78.50 to 80.50 by 0.10 intervals.

TABLE 12. *Factors and their logarithms for converting dry gases at 0° C. and 760 millimeters pressure to the observed pressure (corrected to 0° C. for scale correction) and to saturation at 37° C. (body-temperature).* Formula: $760/p-47 \times 310/273 \times$ volume at 0° C. and 760 millimeters pressure.

The table is calculated for each millimeter barometric pressure from 738 to 781 by means of the formula above. The expression $760/p-47$ represents the change from 760 millimeters pressure dry to the prevailing barometric pressure with pressure of aqueous vapor at 37° C. (47 millimeters mercury) subtracted from it, that is, to the pressure of the air in the lungs. The expression 310/273 represents the effect of the change from 0° C. to 37° C. (The temperature of the lungs may not be actually 37° C., but somewhat lower. It is usually assumed that it is 37° C.) The table is useful in calculating the volume per respiration where the total ventilation per minute of the lungs at 0° C. and 760 millimeters pressure dry and the respiration rate are known. The side argument is in millimeters.

TABLE 13. *Calorific values of oxygen and carbon dioxide for non-protein respiratory quotients and proportions of energy from carbohydrates and fat consumed.*

The table is that of Zuntz and Schumburg, Physiologie des Marsches, 1901, p. 361, as elaborated by Williams, Riche and Lusk in the Journal of Biological Chemistry, 12, 1912, p. 357. The logarithms of the calories per liter of oxygen are the logarithms of the factors as they appear in this table. They differ slightly from those in the original table. The values for carbon dioxide are from Benedict and Talbot, Carnegie Institution of Washington, publication 201, 1914, p. 29.

The table is used for calculating the heat derived from carbohydrate and fat when the respiratory exchange is measured. It is the practice of the Nutrition Laboratory to apply the calorific values in this table directly to the respiratory exchange as measured without computing separately the protein metabolized. The side argument is the respiratory quotient in 0.01 intervals.

TABLE 14. *Heat-production per minute, per hour, and per 24 hours, calculated from consumption of oxygen per minute at respiratory quotient 0.82.* (Calorific value of oxygen per liter = 4.825 calories.)

The table is obtained by finding the product of the cubic centimeters per minute, the calorific value of oxygen (4.825), and 1, 60,

and 1,440 and dividing by 1,000. It is useful in deriving the heat-production when only oxygen measurements are obtained, as, for example, with the various portable forms of clinical respiration apparatus.

TABLE 15. *Comparative scales of kilograms and pounds, centimeters and inches.*

This table shows the equivalent scales of kilograms and pounds from about 8 kilograms to 125 kilograms and of centimeters and inches from 80 centimeters to 200 centimeters. Conversion may be made on the scales in either direction and fractional parts estimated. The table is from "The Treatment of Diabetes Mellitus," E. P. Joslin, 1917. The electrotype was furnished through the courtesy of the publishers, Lea & Febiger, Philadelphia.

FORMULAS AND TABLES FOR CALCULATING BODY-SURFACE.

TABLE 16. *Lissauer formula for calculating body-surface of infants and table giving area calculated for weights from* 2.00 *to* 5.00 *kilograms.*

The formula for calculating the body-surface of infants is that of Lissauer, where area in square centimeters equals $10.3 \sqrt[3]{w^2}$, in which w is equal to the body-weight in grams.

Example of calculation. Body-weight 3,650 grams.

Logarithm of 3650	=	3.56229
		× 2
		3 |7.12458 log. of w^2
		2.37486 log. of $\sqrt[3]{w^2}$
Logarithm of 10.3	=	1.01284
Logarithm of surface	=	3.38770 = 2,442 square centimeters or 0.2442 square meter.

The table gives the results of this calculation for each 0.05 kilogram from 2.00 to 5.00 kilograms. It is from Benedict and Talbot, Carnegie Institution of Washington, publication 233, 1915, p. 110.

TABLE 17. *Constants for computing surface-area of children from formula*: Area = $K \sqrt[3]{w^2}$.

The table gives the constants to be used for calculating the body-surface of children for weights up to 40 kilograms. The method of calculation is the same as given for the use of the Lissauer formula for infants in table 16. The table is from Benedict and Talbot, Carnegie Institution of Washington, publication 302, 1921, table 14, page 61.

TABLE 18. *Du Bois formula and chart for ascertaining body-surface of men and women.*

The Du Bois formula for calculating the body-surface of adults is $A = Wt.^{0.425} \times Ht.^{0.725} \times 71.84$, where A equals the area in square centimeters, $Wt.$ the weight in kilograms, and $Ht.$ the height in centimeters.

EXAMPLE.

Man, body weight 65.5 kilograms, height 165 centimeters.

Logarithm of $65.5^{0.425}$	$= 1.81624 \times 0.425$	$= 0.77190$
$165^{0.725}$	$= 2.21748 \times 0.725$	$= 1.60767$
71.84		$= 1.85637$
Logarithm of area in square centimeters		$= 4.23594$

Area in square centimeters equals 17,216 or 1.72 square meters.

The chart shows the curves plotted from calculations from various heights and weights. The body-surface may be estimated from the figure. The ordinates are heights in centimeters, the abscissæ are weights in kilograms. The formula and chart are from D. Du Bois and E. F. Du Bois, Archives of Internal Medicine, 17, 1916, p. 865.

C. M. Wilson and D. Wilson have recently published (Lancet, 1920, ii, p. 1042) a "nomogram" which is more convenient for deriving the body-surface from the height and weight by means of the Du Bois formula.

FORMULAS AND TABLES FOR PREDICTING BASAL HEAT-PRODUCTION FOR 24 HOURS.

TABLE 19. *Formula for predicting basal heat-production of new-born infants per 24 hours.*

The formula for predicting the basal heat-production of new-born infants is $h = l$ (length in centimeters) $\times 12.65 \times 0.103 \sqrt[3]{w^2}$. An example of its calculation is as follows: Infant, length, 52 centimeters; body-weight without clothing, 3.63 kilograms.

Logarithm of w (3.630)	$=$	0.55991
		$\times$ 2
		3 | 1.11982
Logarithm of $\sqrt[3]{w^2}$	$=$	0.37327
0.103	$=$	9.01284—10
12.65	$=$	1.10209
52	$=$	1.71600
Logarithm of total calories (h)	$=$	2.20420

Heat per 24 hours equals 160 calories.

This formula is applicable up to 8 days of age. It is from Benedict and Talbot, Carnegie Institution of Washington, publication 233, 1915, p. 108.

TABLE 20. *Basal heat-production of boys and girls per 24 hours predicted from body-weight.*

This table gives the basal heat-production of boys and girls for 24 hours as predicted from body-weight without clothing. The values represent points on probable curves drawn through extended series of determinations for which heat has been computed from the respiratory exchange and referred to body-weight. The table is from Benedict and Talbot, Carnegie Institution of Washington, publication 302, 1921, table 36, page 206.

TABLE 21. *Basal heat-production per kilogram per 24 hours predicted from age, for girls from 12 to 17 years of age.*

The table is from Benedict, Hendry, and Baker, Proceedings National Academy of Sciences, 1921, 7, No. 1.

TABLE 22. *Formula for predicting basal heat-production of males per 24 hours.*

The formula for predicting the basal heat-production of males for 24 hours is as follows:

$$h = 66.473 + 13.752\ w + 5.003\ s - 6.755\ a$$

h = heat-production per 24 hours, w = weight in kilograms, s = height in centimeters, a = age in years.

EXAMPLE.

Age 21 years, weight 63.9 kilograms, height 169 centimeters.
$h = 66.473 + (13.752 \times 63.9) + (5.003 \times 169) - (6.755 \times 21) = 1723$ calories.

The formula is from Harris and Benedict, Carnegie Institution of Washington, publication 279, 1919, page 190. Benedict[1] has shown that it is applicable to boys back to 10 kilograms in weight.

TABLE 23. *Formula for predicting basal heat-production per 24 hours for women.*

The formula is: $h = 655.096 + 9.563w + 1.850s - 4.676a$. h = heat-production per 24 hours, w = weight in kilograms, s = stature in centimeters, and a = age in years.

EXAMPLE.

Age 52 years, weight 37.4 kilograms, height 155 centimeters.
$h = 655.096 + (9.563 \times 37.4) + (1.850 \times 155) - (4.676 \times 52) = 1056$ calories.

The formula is from Harris and Benedict, Carnegie Institution of Washington, publication 279, 1919, page 190.

TABLES 24 and 25. *Standard multiple-prediction tables for normal basal heat-production of men per 24 hours.*

These two tables are used together for predicting the most probable basal heat-production per 24 hours of a normal man when the stature in centimeters, the weight in kilograms, and the age in years are

[1] Benedict, Proceedings of National Academy of Sciences, 6, 1920, p. 9.

known. They are derived from the application of the formula given in table 22. In table 24 the constant term (66.473) and the corrective term for body-weight (13.752w) are combined, while in table 25 the corrective term for stature (5.003s) and the corrective term for age (−6.755a) are combined.

The tables are from Harris and Benedict, Carnegie Institution of Washington, publication 279, 1919, pp. 253–259.

EXAMPLE.

A man 27 years old, 172 centimeters in stature, 77.2 kilograms in weight. From table 24, 77 on side argument and 0.2 on top argument, we find 1128, and from table 25, 27 in top argument and 172 in side argument, we find 678 calories; 1128 + 678 = 1806 calories is the predicted heat.

TABLES 26 and 27. *Standard multiple-prediction tables for normal basal heat-production of women.*

These two tables together are used for predicting the most probable basal heat-production per 24 hours of a normal adult female when the weight in kilograms, the stature in centimeters, and the age in years are known. They are derived from the application of the formula given in table 23. In table 26 the constant term (655.096) and the corrective term for weight (9.563w) are combined. In table 27 the corrective term for stature (1.850s) and the corrective term for age (−4.676a) are combined. The tables are from Harris and Benedict, Carnegie Institution of Washington, publication 279, 1919, pp. 260–266.

EXAMPLE.

A woman 66 years old, 162 centimeters in stature, 62.3 kilograms in weight From table 26, 62 on side argument and 0.3 on top argument, we find 1,251 calories, and from table 27, 66 in top argument and 162 in side argument, we find −9; 1251 − 9 = 1,242 calories is the predicted basal heat-production per 24 hours.

TABLE 28. *Calories per square meter of body-surface (height-weight formula) per hour, Aub and Du Bois standards.*

The table gives the heat-production per hour on the basis of body-surface as estimated from height and weight without clothing (see table 18, p. 108). The standards are from Aub and Du Bois, Archives of Internal Medicine, 19, 1917, p. 831. It should be stated that the authors considered the values somewhat tentative and point out that the figures for females are calculated as 7 per cent below the average for males.

TABLE 29. *Formulas for predicting basal metabolism of males and females* (Dreyer).

The formula for males is $C = \frac{\sqrt[3]{W}}{0.1015 \times A^{0.1333}}$, where C equals total calories per 24 hours, W equals body-weight in grams, and A equals age in years. It is from G. Dreyer, Lancet, 1920, Part 2, p. 290.

EXAMPLE.

Subject, 69 kilograms, 20 years.

(1)	Logarithm of W (69000)	$=$	$2)4.83885$
(2)	$\sqrt{W}$	$=$	2.41943
(3)	$A \times 0.1333$	$=$	0.17343
(4)	0.1015	$=$	$9.00647-10$
(5)	Sum of (3) and (4)	$=$	$9.17990-10$
	Subtracting (5) from (2)	$=$	3.23953
	Calories per 24 hours		1736.

The formula for females is $C = \frac{\sqrt[3]{W}}{0.1125 \times A^{0.1333}}$

The terms and the method of use are the same as with the males.

TABLES 30 TO 33.

The tables give equivalents of various units of gases, energy, work, and measures which find use in calculations of respiratory exchange and transformations of energy. The equivalents are given to the same number of significant figures as the sources from which they are obtained, but in most biological work it is seldom necessary to use more than three significant figures.

TABLES, FACTORS, AND FORMULAS.

TABLE 1.

Conversion of seconds to decimal parts of a minute.[1]

Seconds.	Fraction of minute.	Seconds.	Fraction of minute.	Seconds.	Fraction of minute.
1	0.02	21	0.35	41	0.68
2	.03	22	.37	42	.70
3	.05	23	.38	43	.72
4	.07	24	.40	44	.73
5	.08	25	.42	45	.75
6	.10	26	.43	46	.77
7	.12	27	.45	47	.78
8	.13	28	.47	48	.80
9	.15	29	.48	49	.82
10	.17	30	.50	50	.83
11	.18	31	.52	51	.85
12	.20	32	.53	52	.87
13	.22	33	.55	53	.88
14	.23	34	.57	54	.90
15	.25	35	.58	55	.92
16	.27	36	.60	56	.93
17	.28	37	.62	57	.95
18	.30	38	.63	58	.97
19	.32	39	.65	59	.98
20	.33	40	.67	60	1.00

[1]This table can be used to convert minutes to decimal parts of an hour.

TABLE 2.

Pressure of aqueous vapor at dry-bulb temperatures, 15° to 25° C., for relative humidities between 30 per cent and 75 per cent. (Millimeters of mercury.)[1]

Dry therm. °C.	Wet thermometer, °C.									
	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9
15.0	3.8	3.9	4.0	4.2	4.3	4.4	4.5	4.6	4.7	4.8
15.1	3.7	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7	4.8
15.2	.....	3.8	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.7
15.3	.....	.....	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.7
15.4	.....	.....	.....	3.9	4.0	4.1	4.3	4.4	4.5	4.6
15.5	.....	.....	.....	3.8	4.0	4.1	4.2	4.3	4.4	4.5
15.6	.....	.....	.....	.....	3.9	4.0	4.1	4.2	4.4	4.5
15.7	.....	.....	.....	.....	.....	3.9	4.1	4.2	4.3	4.4
15.8	.....	.....	.....	.....	.....	3.9	4.0	4.1	4.2	4.4
15.9	.....	.....	.....	.....	.....	.....	4.0	4.1	4.2	4.3
16.0	.....	.....	.....	.....	.....	.....	.....	4.0	4.1	4.2
16.1	.....	.....	.....	.....	.....	.....	.....	.....	4.1	4.2
16.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.1
16.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.1

Dry therm. °C.	Wet thermometer, °C.									
	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9
15.0	5.0	5.1	5.2	5.3	5.4	5.5	5.7	5.8	5.9	6.0
15.1	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8	6.0
15.2	4.8	5.0	5.1	5.2	5.3	5.4	5.5	5.7	5.8	5.9
15.3	4.8	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.8
15.4	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.7	5.8
15.5	4.7	4.8	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7
15.6	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.7
15.7	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.4	5.5	5.6
15.8	4.5	4.6	4.7	4.8	5.0	5.1	5.2	5.3	5.4	5.5
15.9	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.3	5.5
16.0	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.2	5.3	5.4
16.1	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.4
16.2	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.1	5.2	5.3
16.3	4.2	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1	5.2
16.4	4.1	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.2
16.5	.....	4.2	4.3	4.4	4.5	4.6	4.8	4.9	5.0	5.1
16.6	.....	.....	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.1
16.7	.....	.....	.....	4.3	4.4	4.5	4.6	4.8	4.9	5.0
16.8	.....	.....	.....	.....	4.3	4.5	4.6	4.7	4.8	4.9
16.9	.....	.....	.....	.....	4.3	4.4	4.5	4.6	4.8	4.9
17.0	.....	.....	.....	.....	.....	4.3	4.5	4.6	4.7	4.8
17.1	.....	.....	.....	.....	.....	4.3	4.4	4.5	4.6	4.8
17.2	.....	.....	.....	.....	.....	.....	4.3	4.5	4.6	4.7
17.3	.....	.....	.....	.....	.....	.....	.....	4.4	4.5	4.6
17.4	.....	.....	.....	.....	.....	.....	.....	4.3	4.5	4.6
17.5	.....	.....	.....	.....	.....	.....	.....	.....	4.4	4.5
17.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	4

[1] Jeleniks Psychrometer-Tafeln, 1911.

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9
15.0	6.1	6.3	6.4	6.5	6.6	6.8	6.8	7.0	7.1	7.2
15.1	6.1	6.2	6.3	6.4	6.6	6.7	6.8	6.9	7.1	7.2
15.2	6.0	6.1	6.3	6.4	6.5	6.6	6.7	6.9	7.0	7.1
15.3	5.9	6.1	6.2	6.3	6.4	6.6	6.7	6.8	6.9	7.1
15.4	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.8	6.9	7.0
15.5	5.8	6.0	6.1	6.2	6.3	6.4	6.6	6.7	6.8	6.9
15.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.8	6.9
15.7	5.7	5.8	6.0	6.1	6.2	6.3	6.5	6.6	6.7	6.8
15.8	5.7	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.8
15.9	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.5	6.6	6.7
16.0	5.5	5.7	5.8	5.9	6.0	6.1	6.3	6.4	6.5	6.6
16.1	5.5	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.5	6.6
16.2	5.4	5.5	5.7	5.8	5.9	6.0	6.2	6.3	6.4	6.5
16.3	5.4	5.5	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.5
16.4	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.2	6.3	6.4
16.5	5.2	5.4	5.5	5.6	5.7	5.8	6.0	6.1	6.2	6.3
16.6	5.2	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.2	6.3
16.7	5.1	5.2	5.4	5.5	5.6	5.7	5.9	6.0	6.1	6.2
16.8	5.1	5.2	5.3	5.4	5.5	5.7	5.8	5.9	6.0	6.2
16.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.9	6.0	6.1
17.0	4.9	5.1	5.2	5.3	5.4	5.5	5.7	5.8	5.9	6.0
17.1	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.9	6.0
17.2	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.7	5.8	5.9
17.3	4.8	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7	5.9
17.4	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.7	5.8
17.5	4.6	4.8	4.9	5.0	5.1	5.2	5.4	5.5	5.6	5.7
17.6	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.5	5.7
17.7	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.4	5.5	5.6
17.8	.....	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4	5.6
17.9	.....	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.4	5.5
18.0	.....	.....	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.4
18.1	.....	.....	.....	4.6	4.8	4.9	5.0	5.1	5.2	5.4
18.2	.....	.....	.....	.....	4.7	4.8	4.9	5.1	5.2	5.3
18.3	.....	.....	.....	.....	4.6	4.8	4.9	5.0	5.1	5.3
18.4	.....	.....	.....	.....	.....	4.7	4.8	4.9	5.1	5.2
18.5	.....	.....	.....	.....	.....	.....	4.8	4.9	5.0	5.1
18.6	.....	.....	.....	.....	.....	.....	.....	4.8	5.0	5.1
18.7	.....	.....	.....	.....	.....	.....	.....	4.8	4.9	5.0
18.8	.....	.....	.....	.....	.....	.....	.....	.....	4.8	4.9
18.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.9

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9
15.0	7.4	7.5	7.6	7.7	7.9	8.0	8.1	8.3	8.4	8.5
15.1	7.3	7.4	7.6	7.7	7.8	7.9	8.1	8.2	8.3	8.4
15.2	7.2	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.3	8.4
15.3	7.2	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.3
15.4	7.1	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.1	8.3
15.5	7.1	7.2	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.2
15.6	7.0	7.1	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.1
15.7	6.9	7.1	7.2	7.3	7.5	7.6	7.7	7.8	8.0	8.1
15.8	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.8	7.9	8.0
15.9	6.8	7.0	7.1	7.2	7.3	7.5	7.6	7.7	7.8	8.0
16.0	6.8	6.9	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9
16.1	6.7	6.8	7.0	7.1	7.2	7.3	7.5	7.6	7.7	7.8
16.2	6.6	6.8	6.9	7.0	7.2	7.3	7.4	7.5	7.7	7.8
16.3	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.5	7.6	7.7
16.4	6.5	6.7	6.8	6.9	7.0	7.2	7.3	7.4	7.5	7.7
16.5	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.3	7.5	7.6
16.6	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3	7.4	7.5
16.7	6.3	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.4	7.5
16.8	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.1	7.3	7.4
16.9	6.2	6.3	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.3
17.0	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.2	7.3
17.1	6.1	6.2	6.3	6.5	6.6	6.7	6.9	7.0	7.1	7.2
17.2	6.0	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.1	7.2
17.3	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7.0	7.1
17.4	5.9	6.0	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.0
17.5	5.9	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7.0
17.6	5.8	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8	6.9
17.7	5.7	5.9	6.0	6.1	6.2	6.4	6.5	6.6	6.7	6.9
17.8	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.6	6.7	6.8
17.9	5.6	5.7	5.9	6.0	6.1	6.2	6.4	6.5	6.6	6.7
18.0	5.5	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.6	6.7
18.1	5.5	5.6	5.7	5.9	6.0	6.1	6.3	6.4	6.5	6.6
18.2	5.4	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.4	6.6
18.3	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5
18.4	5.3	5.4	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.4
18.5	5.2	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4
18.6	5.2	5.3	5.4	5.6	5.7	5.8	6.0	6.1	6.2	6.3
18.7	5.1	5.3	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.3
18.8	5.1	5.2	5.3	5.4	5.6	5.7	5.8	6.0	6.1	6.2
18.9	5.0	5.1	5.3	5.4	5.5	5.6	5.8	5.9	6.0	6.1
19.0	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.8	6.0	6.1
19.1	4.9	5.0	5.1	5.3	5.4	5.5	5.6	5.8	5.9	6.0
19.2	.....	4.9	5.1	5.2	5.3	5.5	5.6	5.7	5.8	6.0
19.3	.....	4.9	5.0	5.1	5.3	5.4	5.5	5.6	5.8	5.9
19.4	.....	.....	5.0	5.1	5.2	5.3	5.5	5.6	5.7	5.8
19.5	.....	.....	.....	5.0	5.1	5.3	5.4	5.5	5.7	5.8
19.6	.....	.....	.....	.....	5.1	5.2	5.3	5.5	5.6	5.7
19.7	.....	.....	.....	.....	.....	5.2	5.3	5.4	5.5	5.7
19.8	.....	.....	.....	.....	.....	.....	5.2	5.3	5.5	5.6
19.9	.....	.....	.....	.....	.....	.....	5.2	5.3	5.4	5.5
20.0	.....	.....	.....	.....	.....	.....	.....	5.2	5.4	5.5

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9
15.0	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.6		
15.1	8.6	8.7	8.8	9.0	9.1	9.2	9.4	9.5	9.7	
15.2	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.6	9.7
15.3	8.5	8.6	8.7	8.8	9.0	9.1	9.2	9.4	9.5	9.6
15.4	8.4	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.4	9.6
15.5	8.3	8.5	8.6	8.7	8.9	9.0	9.1	9.2	9.4	9.5
15.6	8.3	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.3	9.4
15.7	8.2	8.3	8.5	8.6	8.7	8.9	9.0	9.1	9.3	9.4
15.8	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.3
15.9	8.1	8.2	8.4	8.5	8.6	8.8	8.9	9.0	9.2	9.3
16.0	8.0	8.2	8.3	8.4	8.5	8.7	8.8	8.9	9.1	9.2
16.1	7.9	8.1	8.2	8.4	8.5	8.6	8.8	8.9	9.1	9.2
16.2	7.9	8.0	8.2	8.3	8.4	8.5	8.7	8.8	9.0	9.1
16.3	7.8	8.0	8.1	8.2	8.4	8.5	8.6	8.8	8.9	9.0
16.4	7.8	7.9	8.0	8.2	8.3	8.4	8.6	8.7	8.8	8.9
16.5	7.7	7.9	8.0	8.1	8.2	8.4	8.5	8.6	8.8	8.9
16.6	7.7	7.8	7.9	8.1	8.2	8.3	8.5	8.6	8.7	8.8
16.7	7.6	7.7	7.9	8.0	8.1	8.3	8.4	8.5	8.7	8.8
16.8	7.5	7.7	7.8	7.9	8.1	8.2	8.3	8.5	8.6	8.7
16.9	7.5	7.6	7.8	7.9	8.0	8.1	8.3	8.4	8.5	8.6
17.0	7.4	7.6	7.7	7.8	7.9	8.1	8.2	8.3	8.5	8.6
17.1	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.3	8.4	8.5
17.2	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.3	8.5
17.3	7.2	7.4	7.5	7.6	7.8	7.9	8.0	8.2	8.3	8.4
17.4	7.2	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.3
17.5	7.1	7.2	7.4	7.5	7.6	7.8	7.9	8.0	8.2	8.3
17.6	7.1	7.2	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.2
17.7	7.0	7.1	7.3	7.4	7.5	7.6	7.8	7.9	8.0	8.2
17.8	6.9	7.1	7.2	7.3	7.5	7.6	7.7	7.9	8.0	8.1
17.9	6.9	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9	8.1
18.0	6.8	6.9	7.1	7.2	7.3	7.5	7.6	7.7	7.9	8.0
18.1	6.8	6.9	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9
18.2	6.7	6.8	7.0	7.1	7.2	7.3	7.5	7.6	7.7	7.9
18.3	6.6	6.8	6.9	7.0	7.2	7.3	7.4	7.5	7.7	7.8
18.4	6.6	6.7	6.8	7.0	7.1	7.2	7.4	7.5	7.6	7.7
18.5	6.5	6.6	6.8	6.9	7.0	7.2	7.3	7.4	7.6	7.7
18.6	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.4	7.5	7.6
18.7	6.4	6.5	6.7	6.8	6.9	7.0	7.2	7.3	7.4	7.6
18.8	6.3	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.4	7.5
18.9	6.3	6.4	6.5	6.7	6.8	6.9	7.1	7.2	7.3	7.4
19.0	6.2	6.3	6.5	6.6	6.7	6.9	7.0	7.1	7.3	7.4
19.1	6.1	6.3	6.4	6.5	6.7	6.8	6.9	7.1	7.2	7.3
19.2	6.1	6.2	6.3	6.5	6.6	6.7	6.9	7.0	7.1	7.3
19.3	6.0	6.2	6.3	6.4	6.5	6.7	6.8	6.9	7.1	7.2
19.4	6.0	6.1	6.2	6.4	6.5	6.6	6.8	6.9	7.0	7.1
19.5	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8	7.0	7.1
19.6	5.8	6.0	6.1	6.2	6.4	6.5	6.6	6.8	6.9	7.0
19.7	5.8	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8	7.0
19.8	5.7	5.9	6.0	6.1	6.2	6.4	6.5	6.6	6.8	6.9
19.9	5.7	5.8	5.9	6.1	6.2	6.3	6.4	6.6	6.7	6.8
20.0	5.6	5.7	5.9	6.0	6.1	6.3	6.4	6.5	6.6	6.8

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9
15.4	9.7									
15.5	9.6	9.8								
15.6	9.6	9.7	9.8							
15.7	9.5	9.6	9.8	9.9						
15.8	9.5	9.6	9.7	9.9	10.0					
15.9	9.4	9.5	9.7	9.8	9.9	10.1				
16.0	9.4	9.5	9.6	9.7	9.9	10.0	10.1			
16.1	9.3	9.4	9.5	9.7	9.8	9.9	10.1	10.2		
16.2	9.2	9.4	9.5	9.6	9.8	9.9	10.0	10.2	10.3	
16.3	9.2	9.3	9.4	9.6	9.7	9.8	10.0	10.1	10.2	10.4
16.4	9.1	9.2	9.4	9.5	9.6	9.8	9.9	10.0	10.2	10.3
16.5	9.0	9.2	9.3	9.4	9.6	9.7	9.8	10.0	10.1	10.3
16.6	9.0	9.1	9.2	9.4	9.5	9.7	9.8	9.9	10.1	10.2
16.7	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.1
16.8	8.8	9.0	9.1	9.3	9.4	9.5	9.7	9.8	9.9	10.0
16.9	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.8	10.0
17.0	8.7	8.9	9.0	9.1	9.3	9.4	9.5	9.6	9.8	9.9
17.1	8.7	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.7	9.9
17.2	8.6	8.7	8.9	9.0	9.1	9.3	9.4	9.5	9.7	9.8
17.3	8.5	8.7	8.8	8.9	9.1	9.2	9.4	9.5	9.6	9.8
17.4	8.5	8.6	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.7
17.5	8.4	8.6	8.7	8.8	8.9	9.1	9.2	9.4	9.5	9.6
17.6	8.4	8.5	8.6	8.7	8.9	9.0	9.2	9.3	9.4	9.6
17.7	8.3	8.4	8.6	8.7	8.8	9.0	9.1	9.2	9.4	9.5
17.8	8.2	8.4	8.5	8.6	8.8	8.9	9.1	9.2	9.3	9.4
17.9	8.2	8.3	8.5	8.6	8.7	8.9	9.0	9.1	9.3	9.4
18.0	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.3
18.1	8.1	8.2	8.3	8.5	8.6	8.7	8.9	9.0	9.1	9.3
18.2	8.0	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9.1	9.2
18.3	7.9	8.1	8.2	8.3	8.5	8.6	8.7	8.9	9.0	9.1
18.4	7.9	8.0	8.1	8.3	8.4	8.5	8.7	8.8	8.9	9.1
18.5	7.8	7.9	8.1	8.2	8.4	8.5	8.6	8.8	8.9	9.0
18.6	7.8	7.9	8.0	8.2	8.3	8.4	8.6	8.7	8.8	9.0
18.7	7.7	7.8	8.0	8.1	8.2	8.4	8.5	8.6	8.8	8.9
18.8	7.6	7.8	7.9	8.0	8.2	8.3	8.4	8.6	8.7	8.8
18.9	7.6	7.7	7.8	8.0	8.1	8.2	8.4	8.5	8.7	8.8
19.0	7.5	7.7	7.8	7.9	8.1	8.2	8.3	8.5	8.6	8.7
19.1	7.5	7.6	7.7	7.9	8.0	8.1	8.3	8.4	8.5	8.7
19.2	7.4	7.5	7.7	7.8	7.9	8.1	8.2	8.3	8.5	8.6
19.3	7.3	7.5	7.6	7.7	7.9	8.0	8.1	8.3	8.4	8.5
19.4	7.3	7.4	7.5	7.7	7.8	7.9	8.1	8.2	8.3	8.5
19.5	7.2	7.3	7.5	7.6	7.8	7.9	8.0	8.2	8.3	8.4
19.6	7.2	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.2	8.4
19.7	7.1	7.2	7.4	7.5	7.6	7.8	7.9	8.0	8.2	8.3
19.8	7.0	7.2	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.2
19.9	7.0	7.1	7.2	7.4	7.5	7.6	7.8	7.9	8.0	8.2
20.0	6.9	7.0	7.2	7.3	7.5	7.6	7.7	7.9	8.0	8.1

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9
16.4	10.4									
16.5	10.4	10.5								
16.6	10.3	10.5	10.6							
16.7	10.3	10.4	10.5	10.7						
16.8	10.2	10.3	10.5	10.6						
16.9	10.1	10.3	10.4	10.6	10.7					
17.0	10.1	10.2	10.4	10.5	10.6	10.8				
17.1	10.0	10.2	10.3	10.4	10.6	10.7	10.9			
17.2	10.0	10.1	10.2	10.4	10.5	10.7	10.8	10.9		
17.3	9.9	10.0	10.2	10.3	10.5	10.6	10.7	10.9	11.0	
17.4	9.8	9.9	10.1	10.3	10.4	10.5	10.7	10.8	11.0	11.1
17.5	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.8	10.9	11.0
17.6	9.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	11.0
17.7	9.7	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.8	10.9
17.8	9.6	9.7	9.9	10.0	10.1	10.3	10.4	10.6	10.7	10.8
17.9	9.5	9.7	9.8	9.9	10.1	10.2	10.4	10.5	10.6	10.8
18.0	9.5	9.6	9.8	9.9	10.0	10.2	10.3	10.4	10.6	10.7
18.1	9.4	9.5	9.7	9.8	10.0	10.1	10.2	10.4	10.5	10.7
18.2	9.3	9.5	9.6	9.8	9.9	10.0	10.2	10.3	10.5	10.6
18.3	9.3	9.4	9.6	9.7	9.8	10.0	10.1	10.3	10.4	10.5
18.4	9.2	9.4	9.5	9.6	9.8	9.9	10.1	10.2	10.3	10.5
18.5	9.2	9.3	9.4	9.6	9.7	9.9	10.0	10.1	10.3	10.4
18.6	9.1	9.2	9.4	9.5	9.7	9.8	9.9	10.1	10.2	10.4
18.7	9.0	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.2	10.3
18.8	9.0	9.1	9.3	9.4	9.5	9.7	9.8	10.0	10.1	10.2
18.9	8.9	9.1	9.2	9.4	9.5	9.6	9.8	9.9	10.0	10.2
19.0	8.9	9.0	9.1	9.3	9.4	9.6	9.7	9.8	10.0	10.1
19.1	8.8	8.9	9.1	9.2	9.4	9.5	9.6	9.8	9.9	10.1
19.2	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.7	9.9	10.0
19.3	8.7	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8	9.9
19.4	8.6	8.8	8.9	9.0	9.2	9.3	9.5	9.6	9.7	9.9
19.5	8.6	8.7	8.8	9.0	9.1	9.3	9.4	9.5	9.7	9.8
19.6	8.5	8.6	8.8	8.9	9.1	9.2	9.3	9.5	9.6	9.8
19.7	8.4	8.6	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.7
19.8	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.4	9.5	9.6
19.9	8.3	8.5	8.6	8.7	8.9	9.0	9.2	9.3	9.4	9.6
20.0	8.3	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.4	9.5

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9
17.5	11.2									
17.6	11.1	11.3								
17.7	11.0	11.2	11.3							
17.8	11.0	11.1	11.3	11.4						
17.9	10.9	11.1	11.2	11.4						
18.0	10.9	11.0	11.2	11.3	11.4	11.6				
18.1	10.8	10.9	11.1	11.2	11.4	11.5	11.7			
18.2	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.7		
18.3	10.7	10.8	11.0	11.1	11.3	11.4	11.5	11.7		
18.4	10.6	10.8	10.9	11.1	11.2	11.3	11.5	11.6	11.8	
18.5	10.6	10.7	10.9	11.0	11.1	11.3	11.4	11.6	11.7	11.8
18.6	10.5	10.6	10.8	10.9	11.1	11.2	11.3	11.5	11.7	11.8
18.7	10.4	10.6	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.7
18.8	10.4	10.5	10.7	10.8	11.0	11.1	11.2	11.4	11.5	11.7
18.9	10.3	10.5	10.6	10.8	10.9	11.0	11.2	11.3	11.5	11.6
19.0	10.3	10.4	10.5	10.7	10.8	10.9	11.1	11.3	11.4	11.6
19.1	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.3	11.5
19.2	10.1	10.3	10.4	10.6	10.7	10.8	11.0	11.1	11.3	11.5
19.3	10.1	10.2	10.4	10.5	10.6	10.8	10.9	11.1	11.2	11.4
19.4	10.0	10.2	10.3	10.4	10.6	10.7	10.9	11.0	11.2	11.4
19.5	10.0	10.1	10.3	10.4	10.5	10.7	10.8	11.0	11.1	11.3
19.6	9.9	10.1	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2
19.7	9.8	10.0	10.1	10.3	10.4	10.5	10.7	10.8	11.0	11.1
19.8	9.8	9.9	10.1	10.2	10.3	10.5	10.6	10.8	10.9	11.1
19.9	9.7	9.9	10.0	10.1	10.3	10.4	10.6	10.7	10.9	11.0
20.0	9.6	9.8	9.9	10.1	10.2	10.4	10.5	10.6	10.8	11.0

Dry therm. °C.	Wet thermometer, °C.									
	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9
18.6	11.9									
18.7	11.9	12.0								
18.8	11.8	12.0	12.1							
18.9	11.8	11.9	12.1	12.2						
19.0	11.7	11.8	12.0	12.1	12.3					
19.1	11.6	11.8	11.9	12.1	12.2	12.4				
19.2	11.6	11.7	11.9	12.0	12.2	12.3	12.5			
19.3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6		
19.4	11.5	11.6	11.8	11.9	12.0	12.2	12.3	12.5	12.6	
19.5	11.4	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	
19.6	11.3	11.5	11.6	11.8	11.9	12.0	12.2	12.4	12.5	12.7
19.7	11.3	11.4	11.6	11.7	11.9	12.0	12.2	12.3	12.5	12.6
19.8	11.2	11.4	11.5	11.7	11.8	11.9	12.1	12.3	12.4	12.6
19.9	11.2	11.3	11.5	11.6	11.8	11.9	12.0	12.2	12.3	12.5
20.0	11.1	11.2	11.4	11.5	11.7	11.8	12.0	12.1	12.3	12.4

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9
20.1	5.5	5.7	5.8	5.9	6.0	6.2	6.3	6.5	6.6	6.7
20.2	5.5	5.6	5.7	5.9	6.0	6.1	6.3	6.4	6.5	6.7
20.3	5.4	5.6	5.7	5.8	5.9	6.1	6.2	6.3	6.5	6.6
20.4	5.4	5.5	5.6	5.8	5.9	6.0	6.1	6.3	6.4	6.5
20.5	5.3	5.4	5.6	5.7	5.8	6.0	6.1	6.2	6.3	6.5
20.6	.....	5.4	5.5	5.6	5.8	5.9	6.0	6.2	6.3	6.4
20.7	.....	.....	5.4	5.6	5.7	5.8	6.0	6.1	6.2	6.4
20.8	.....	.....	.....	5.5	5.6	5.8	5.9	6.0	6.2	6.3
20.9	.....	.....	.....	5.4	5.6	5.7	5.8	5.9	6.1	6.2
21.0	.....	.....	.....	.....	5.5	5.6	5.8	5.9	6.0	6.2
21.1	.....	.....	.....	.....	.....	5.6	5.7	5.8	6.0	6.1
21.2	.....	.....	.....	.....	.....	.....	5.7	5.8	5.9	6.0
21.3	.....	.....	.....	.....	.....	.....	5.6	5.7	5.9	6.0
21.4	.....	.....	.....	.....	.....	.....	.....	5.7	5.8	5.9
21.5	.....	.....	.....	.....	.....	.....	.....	5.6	5.7	5.9
21.6	.....	.....	.....	.....	.....	.....	.....	.....	5.7	5.8
21.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.7

Dry therm. °C.	Wet thermometer, °C.									
	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9
20.1	6.8	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9	8.1
20.2	6.8	6.9	7.1	7.2	7.3	7.5	7.6	7.7	7.8	8.0
20.3	6.7	6.9	7.0	7.1	7.3	7.4	7.5	7.7	7.8	7.9
20.4	6.7	6.8	6.9	7.1	7.2	7.3	7.5	7.6	7.7	7.9
20.5	6.6	6.7	6.9	7.0	7.1	7.3	7.4	7.5	7.6	7.8
20.6	6.5	6.7	6.8	7.0	7.1	7.2	7.3	7.5	7.6	7.7
20.7	6.5	6.6	6.8	6.9	7.0	7.2	7.3	7.4	7.5	7.7
20.8	6.4	6.6	6.7	6.8	7.0	7.1	7.2	7.4	7.5	7.6
20.9	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3	7.4	7.6
21.0	6.3	6.4	6.6	6.7	6.9	7.0	7.1	7.3	7.4	7.5
21.1	6.2	6.4	6.5	6.6	6.8	6.9	7.0	7.2	7.3	7.4
21.2	6.2	6.3	6.4	6.5	6.7	6.8	7.0	7.1	7.3	7.4
21.3	6.1	6.2	6.4	6.5	6.6	6.8	6.9	7.1	7.2	7.3
21.4	6.1	6.2	6.3	6.4	6.6	6.7	6.9	7.0	7.1	7.3
21.5	6.0	6.1	6.3	6.4	6.5	6.7	6.8	6.9	7.0	7.2
21.6	5.9	6.1	6.2	6.3	6.5	6.6	6.7	6.9	7.0	7.1
21.7	5.9	6.0	6.1	6.3	6.4	6.5	6.7	6.8	6.9	7.1
21.8	5.8	5.9	6.1	6.2	6.4	6.5	6.6	6.8	6.9	7.0
21.9	5.8	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8	7.0
22.0	.....	5.8	6.0	6.1	6.2	6.4	6.5	6.6	6.8	6.9
22.1	.....	.....	5.9	6.0	6.2	6.3	6.4	6.6	6.7	6.8
22.2	.....	.....	.....	6.0	6.1	6.2	6.4	6.5	6.6	6.8
22.3	.....	.....	.....	5.9	6.1	6.2	6.3	6.5	6.6	6.7
22.4	.....	.....	.....	.....	6.0	6.1	6.2	6.4	6.5	6.7
22.5	.....	.....	.....	.....	.....	6.1	6.2	6.3	6.5	6.6
22.6	.....	.....	.....	.....	.....	.....	6.1	6.3	6.4	6.5
22.7	.....	.....	.....	.....	.....	.....	6.1	6.2	6.3	6.5
22.8	.....	.....	.....	.....	.....	.....	.....	6.1	6.3	6.4
22.9	.....	.....	.....	.....	.....	.....	.....	6.1	6.2	6.4
23.0	.....	.....	.....	.....	.....	.....	.....	.....	6.2	6.3
23.1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.2

known. They are derived from the application of the formula given in table 22. In table 24 the constant term (66.473) and the corrective term for body-weight ($13.752w$) are combined, while in table 25 the corrective term for stature ($5.003s$) and the corrective term for age ($-6.755a$) are combined.

The tables are from Harris and Benedict, Carnegie Institution of Washington, publication 279, 1919, pp. 253–259.

EXAMPLE.

A man 27 years old, 172 centimeters in stature, 77.2 kilograms in weight. From table 24, 77 on side argument and 0.2 on top argument, we find 1128, and from table 25, 27 in top argument and 172 in side argument, we find 678 calories; 1128 + 678 = 1806 calories is the predicted heat.

TABLES 26 and 27. *Standard multiple-prediction tables for normal basal heat-production of women.*

These two tables together are used for predicting the most probable basal heat-production per 24 hours of a normal adult female when the weight in kilograms, the stature in centimeters, and the age in years are known. They are derived from the application of the formula given in table 23. In table 26 the constant term (655.096) and the corrective term for weight ($9.563w$) are combined. In table 27 the corrective term for stature ($1.850s$) and the corrective term for age ($-4.676a$) are combined. The tables are from Harris and Benedict, Carnegie Institution of Washington, publication 279, 1919, pp. 260–266.

EXAMPLE.

A woman 66 years old, 162 centimeters in stature, 62.3 kilograms in weight From table 26, 62 on side argument and 0.3 on top argument, we find 1,251 calories, and from table 27, 66 in top argument and 162 in side argument, we find −9; 1251 − 9 = 1,242 calories is the predicted basal heat-production per 24 hours.

TABLE 28. *Calories per square meter of body-surface (height-weight formula) per hour, Aub and Du Bois standards.*

The table gives the heat-production per hour on the basis of body-surface as estimated from height and weight without clothing (see table 18, p. 108). The standards are from Aub and Du Bois, Archives of Internal Medicine, 19, 1917, p. 831. It should be stated that the authors considered the values somewhat tentative and point out that the figures for females are calculated as 7 per cent below the average for males.

TABLE 29. *Formulas for predicting basal metabolism of males and females* (Dreyer).

The formula for males is $C = \frac{\sqrt[3]{W}}{0.1015 \times A^{0.1333}}$, where C equals total calories per 24 hours, W equals body-weight in grams, and A equals age in years. It is from G. Dreyer, Lancet, 1920, Part 2, p. 290.

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9
20.1	9.6	9.7	9.9	10.0	10.2	10.3	10.4	10.6	10.7	10.9
20.2	9.5	9.7	9.8	10.0	10.1	10.2	10.4	10.5	10.7	10.9
20.3	9.5	9.6	9.8	9.9	10.0	10.2	10.3	10.5	10.6	10.8
20.4	9.4	9.5	9.7	9.8	9.9	10.1	10.3	10.4	10.6	10.7
20.5	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.6
20.6	9.3	9.4	9.6	9.7	9.8	10.0	10.1	10.3	10.4	10.6
20.7	9.2	9.4	9.5	9.7	9.8	9.9	10.1	10.2	10.4	10.5
20.8	9.2	9.3	9.5	9.6	9.7	9.9	10.0	10.2	10.3	10.5
20.9	9.1	9.2	9.4	9.5	9.7	9.8	10.0	10.1	10.3	10.4
21.0	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.3
21.1	9.0	9.1	9.3	9.4	9.6	9.7	9.9	10.0	10.2	10.3
21.2	8.9	9.1	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2
21.3	8.9	9.0	9.1	9.3	9.4	9.6	9.7	9.9	10.0	10.2
21.4	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8	9.9	10.1
21.5	8.7	8.8	9.0	9.2	9.3	9.5	9.6	9.7	9.9	10.0
21.6	8.7	8.8	9.0	9.1	9.2	9.4	9.5	9.7	9.8	9.9
21.7	8.6	8.7	8.9	9.0	9.2	9.3	9.5	9.6	9.8	9.9
21.8	8.6	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.8
21.9	8.5	8.6	8.8	8.9	9.1	9.2	9.4	9.5	9.6	9.8
22.0	8.4	8.6	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.7
22.1	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.4	9.5	9.7
22.2	8.3	8.4	8.6	8.7	8.9	9.0	9.2	9.3	9.4	9.6
22.3	8.2	8.4	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.5
22.4	8.2	8.3	8.5	8.6	8.8	8.9	9.0	9.2	9.3	9.5
22.5	8.1	8.3	8.4	8.6	8.7	8.8	9.0	9.1	9.3	9.4
22.6	8.1	8.2	8.4	8.5	8.7	8.8	8.9	9.1	9.2	9.4
22.7	8.0	8.1	8.3	8.4	8.6	8.7	8.9	9.0	9.2	9.3
22.8	7.9	8.1	8.2	8.4	8.5	8.7	8.8	9.0	9.1	9.2
22.9	7.9	8.0	8.2	8.3	8.5	8.6	8.7	8.9	9.0	9.2
23.0	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.8	9.0	9.1
23.1	7.8	7.9	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1
23.2	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.8	9.0
23.3	7.6	7.8	7.9	8.1	8.2	8.4	8.5	8.6	8.8	8.9
23.4	7.6	7.7	7.9	8.0	8.1	8.3	8.4	8.6	8.7	8.9
23.5	7.5	7.7	7.8	7.9	8.1	8.2	8.4	8.5	8.7	8.8
23.6	7.5	7.6	7.7	7.9	8.0	8.2	8.3	8.5	8.6	8.7
23.7	7.4	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.5	8.7
23.8	7.3	7.5	7.6	7.7	7.9	8.1	8.2	8.3	8.5	8.6
23.9	7.3	7.4	7.6	7.7	7.8	8.0	8.1	8.3	8.4	8.6
24.0	7.2	7.4	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5
24.1	7.2	7.3	7.4	7.6	7.7	7.9	8.0	8.2	8.3	8.5
24.2	7.1	7.2	7.4	7.5	7.7	7.8	7.9	8.1	8.2	8.4
24.3	7.0	7.2	7.3	7.5	7.6	7.7	7.9	8.0	8.2	8.3
24.4	7.0	7.1	7.3	7.4	7.5	7.7	7.8	8.0	8.1	8.3
24.5	6.9	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2
24.6	6.8	7.0	7.1	7.3	7.4	7.6	7.7	7.9	8.0	8.1
24.7	6.8	6.9	7.1	7.2	7.4	7.5	7.6	7.8	7.9	8.1
24.8	.....	6.9	7.0	7.2	7.3	7.4	7.6	7.7	7.9	8.0
24.9	.....	6.8	7.0	7.1	7.2	7.4	7.5	7.7	7.8	8.0
25.0	.....	.....	6.9	7.0	7.2	7.3	7.5	7.6	7.8	7.9

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9
20.1	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4
20.2	11.0	11.1	11.3	11.4	11.6	11.7	11.9	12.0	12.2	12.3
20.3	10.9	11.1	11.2	11.4	11.5	11.6	11.8	11.9	12.1	12.2
20.4	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	12.0	12.2
20.5	10.8	10.9	11.1	11.2	11.4	11.5	11.7	11.8	12.0	12.1
20.6	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1
20.7	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	12.0
20.8	10.6	10.8	10.9	11.1	11.2	11.3	11.5	11.6	11.8	11.9
20.9	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9
21.0	10.5	10.6	10.8	10.9	11.0	11.2	11.3	11.5	11.7	11.8
21.1	10.4	10.6	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.8
21.2	10.4	10.5	10.7	10.8	10.9	11.1	11.2	11.4	11.6	11.7
21.3	10.3	10.4	10.6	10.7	10.8	11.0	11.1	11.3	11.5	11.6
21.4	10.2	10.4	10.5	10.7	10.8	10.9	11.0	11.3	11.5	11.6
21.5	10.2	10.3	10.5	10.6	10.7	10.8	11.0	11.2	11.4	11.5
21.6	10.1	10.3	10.4	10.6	10.7	10.8	10.9	11.2	11.3	11.5
21.7	10.1	10.2	10.4	10.5	10.6	10.7	10.9	11.1	11.3	11.4
21.8	10.0	10.1	10.3	10.4	10.5	10.6	10.8	11.0	11.2	11.3
21.9	9.9	10.1	10.2	10.4	10.5	10.6	10.8	11.0	11.1	11.3
22.0	9.9	10.0	10.2	10.3	10.4	10.5	10.7	10.9	11.1	11.2
22.1	9.8	9.9	10.1	10.2	10.4	10.5	10.7	10.9	11.0	11.2
22.2	9.7	9.9	10.0	10.2	10.3	10.4	10.6	10.8	10.9	11.1
22.3	9.7	9.8	10.0	10.1	10.2	10.3	10.5	10.7	10.9	11.1
22.4	9.6	9.8	9.9	10.1	10.2	10.3	10.5	10.7	10.8	11.0
22.5	9.6	9.7	9.9	10.0	10.2	10.3	10.5	10.6	10.8	10.9
22.6	9.5	9.7	9.8	9.9	10.1	10.3	10.4	10.6	10.7	10.8
22.7	9.4	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.6	10.8
22.8	9.4	9.5	9.7	9.8	10.0	10.2	10.3	10.4	10.6	10.7
22.9	9.3	9.5	9.6	9.8	10.0	10.1	10.3	10.4	10.5	10.6
23.0	9.2	9.4	9.6	9.7	9.9	10.0	10.2	10.3	10.5	10.6
23.1	9.2	9.4	9.5	9.7	9.8	9.9	10.1	10.2	10.4	10.5
23.2	9.1	9.3	9.4	9.6	9.7	9.9	10.0	10.2	10.3	10.5
23.3	9.1	9.2	9.4	9.5	9.7	9.8	10.0	10.1	10.3	10.4
23.4	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4
23.5	9.0	9.1	9.3	9.4	9.6	9.7	9.8	10.0	10.1	10.3
23.6	8.9	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2
23.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	10.0	10.2
23.8	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8	10.0	10.1
23.9	8.7	8.9	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1
24.0	8.7	8.8	9.0	9.1	9.2	9.4	9.5	9.7	9.8	10.0
24.1	8.6	8.7	8.9	9.0	9.2	9.3	9.5	9.6	9.8	9.9
24.2	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9
24.3	8.4	8.6	8.8	8.9	9.1	9.2	9.4	9.5	9.7	9.8
24.4	8.4	8.6	8.7	8.9	9.0	9.1	9.3	9.4	9.6	9.7
24.5	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	9.5	9.7
24.6	8.3	8.4	8.6	8.7	8.9	9.0	9.2	9.3	9.5	9.6
24.7	8.2	8.4	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6
24.8	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	9.5
24.9	8.1	8.3	8.4	8.6	8.7	8.8	9.0	9.1	9.3	9.4
25.0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9
20.1	12.5	12.7	12.8	13.0	13.1					
20.2	12.5	12.6	12.8	12.9	13.1	13.2				
20.3	12.4	12.6	12.7	12.9	13.0	13.2	13.3			
20.4	12.3	12.5	12.6	12.8	13.0	13.1	13.3	13.4		
20.5	12.3	12.5	12.6	12.7	12.9	13.1	13.2	13.4	13.5	
20.6	12.2	12.4	12.5	12.7	12.8	13.0	13.1	13.3	13.5	13.6
20.7	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	13.5
20.8	12.1	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.5
20.9	12.0	12.2	12.3	12.5	12.7	12.8	12.9	13.1	13.3	13.4
21.0	12.0	12.1	12.3	12.4	12.6	12.7	12.9	13.1	13.2	13.4
21.1	11.9	12.1	12.2	12.4	12.5	12.7	12.8	13.0	13.1	13.3
21.2	11.8	12.0	12.2	12.3	12.5	12.6	12.8	13.0	13.1	13.2
21.3	11.8	11.9	12.1	12.2	12.4	12.6	12.7	12.9	13.0	13.2
21.4	11.7	11.9	12.0	12.2	12.3	12.5	12.7	12.8	13.0	13.1
21.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	13.1
21.6	11.6	11.8	11.9	12.1	12.2	12.4	12.5	12.7	12.8	13.0
21.7	11.5	11.7	11.9	12.0	12.2	12.3	12.5	12.6	12.8	12.9
21.8	11.5	11.6	11.8	11.9	12.1	12.3	12.4	12.6	12.7	12.9
21.9	11.4	11.6	11.7	11.9	12.0	12.2	12.3	12.5	12.7	12.8
22.0	11.4	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.8
22.1	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	12.5	12.7
22.2	11.2	11.4	11.5	11.7	11.9	12.0	12.2	12.3	12.5	12.6
22.3	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.3	12.4	12.6
22.4	11.1	11.3	11.4	11.6	11.7	11.9	12.0	12.2	12.4	12.5
22.5	11.1	11.2	11.4	11.5	11.7	11.8	12.0	12.1	12.3	12.5
22.6	11.0	11.1	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4
22.7	10.9	11.1	11.3	11.4	11.6	11.7	11.9	12.0	12.2	12.3
22.8	10.9	11.0	11.2	11.3	11.5	11.6	11.8	12.0	12.1	12.3
22.9	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	12.1	12.2
23.0	10.8	10.9	11.1	11.2	11.4	11.5	11.7	11.9	12.0	12.2
23.1	10.7	10.8	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1
23.2	10.6	10.7	10.9	11.1	11.2	11.4	11.5	11.7	11.8	12.0
23.3	10.6	10.7	10.9	11.0	11.2	11.3	11.5	11.6	11.8	12.0
23.4	10.5	10.6	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9
23.5	10.4	10.6	10.8	10.9	11.1	11.2	11.4	11.5	11.7	11.8
23.6	10.4	10.5	10.7	10.8	11.0	11.2	11.3	11.4	11.6	11.8
23.7	10.3	10.5	10.6	10.8	11.0	11.1	11.3	11.4	11.6	11.7
23.8	10.3	10.4	10.6	10.7	10.9	11.0	11.2	11.3	11.5	11.7
23.9	10.2	10.4	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6
24.0	10.1	10.3	10.4	10.6	10.8	10.9	11.1	11.2	11.4	11.5
24.1	10.1	10.2	10.4	10.5	10.7	10.9	11.0	11.2	11.3	11.5
24.2	10.0	10.2	10.3	10.5	10.7	10.8	11.0	11.1	11.3	11.4
24.3	10.0	10.1	10.3	10.4	10.6	10.7	10.9	11.0	11.2	11.3
24.4	9.9	10.0	10.2	10.4	10.5	10.7	10.8	11.0	11.1	11.3
24.5	9.8	10.0	10.1	10.3	10.5	10.6	10.8	10.9	11.1	11.2
24.6	9.8	9.9	10.1	10.2	10.4	10.5	10.7	10.9	11.0	11.2
24.7	9.7	9.9	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1
24.8	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	11.0
24.9	9.6	9.7	9.9	10.1	10.2	10.4	10.5	10.7	10.8	11.0
25.0	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.8	10.9

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9
20.8	13.6									
20.9	13.6	13.7								
21.0	13.5	13.7	13.8							
21.1	13.5	13.6	13.8	13.9						
21.2	13.4	13.6	13.7	13.9	14.0					
21.3	13.3	13.5	13.7	13.8	14.0	14.1				
21.4	13.3	13.4	13.6	13.8	13.9	14.1	14.2			
21.5	13.2	13.4	13.5	13.7	13.9	14.1	14.2	14.3		
21.6	13.1	13.3	13.5	13.6	13.8	14.0	14.1	14.3	14.5	
21.7	13.1	13.2	13.4	13.6	13.7	13.9	14.0	14.2	14.4	
21.8	13.0	13.2	13.3	13.5	13.7	13.8	14.0	14.1	14.3	14.5
21.9	13.0	13.1	13.3	13.4	13.6	13.8	13.9	14.1	14.2	14.4
22.0	12.9	13.1	13.2	13.4	13.5	13.7	13.9	14.0	14.2	14.3
22.1	12.8	13.0	13.2	13.3	13.5	13.6	13.8	14.0	14.1	14.3
22.2	12.8	12.9	13.1	13.3	13.4	13.6	13.7	13.9	14.1	14.2
22.3	12.7	12.9	13.0	13.2	13.4	13.5	13.7	13.8	14.0	14.2
22.4	12.7	12.8	13.0	13.1	13.3	13.5	13.6	13.8	13.9	14.1
22.5	12.6	12.8	12.9	13.1	13.2	13.4	13.6	13.7	13.9	14.0
22.6	12.6	12.7	12.9	13.0	13.2	13.3	13.5	13.7	13.8	14.0
22.7	12.5	12.6	12.8	13.0	13.1	13.3	13.4	13.6	13.8	13.9
22.8	12.4	12.6	12.7	12.9	13.1	13.2	13.4	13.5	13.7	13.8
22.9	12.4	12.5	12.7	12.8	13.0	13.1	13.3	13.5	13.6	13.8
23.0	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	13.5	13.7
23.1	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.3	13.5	13.7
23.2	12.2	12.3	12.5	12.6	12.8	13.0	13.1	13.3	13.4	13.6
23.3	12.1	12.3	12.4	12.6	12.7	12.9	13.1	13.2	13.4	13.5
23.4	12.0	12.2	12.4	12.5	12.7	12.8	13.0	13.2	13.3	13.5
23.5	12.0	12.1	12.3	12.5	12.6	12.8	12.9	13.1	13.3	13.4
23.6	11.9	12.1	12.2	12.4	12.6	12.7	12.9	13.0	13.2	13.4
23.7	11.9	12.0	12.2	12.3	12.5	12.7	12.8	13.0	13.1	13.3
23.8	11.8	12.0	12.1	12.3	12.4	12.6	12.8	12.9	13.1	13.2
23.9	11.7	11.9	12.1	12.2	12.4	12.5	12.7	12.9	13.0	13.2
24.0	11.7	11.8	12.0	12.2	12.3	12.5	12.6	12.8	13.0	13.1
24.1	11.6	11.8	11.9	12.1	12.2	12.4	12.6	12.7	12.9	13.1
24.2	11.6	11.7	11.9	12.0	12.2	12.4	12.5	12.7	12.8	13.0
24.3	11.5	11.7	11.8	12.0	12.1	12.3	12.5	12.6	12.8	12.9
24.4	11.4	11.6	11.8	11.9	12.1	12.2	12.4	12.6	12.7	12.8
24.5	11.4	11.5	11.7	11.9	12.0	12.2	12.3	12.5	12.7	12.8
24.6	11.3	11.5	11.6	11.8	12.0	12.1	12.3	12.4	12.6	12.7
24.7	11.3	11.4	11.6	11.7	11.9	12.0	12.2	12.4	12.5	12.7
24.8	11.2	11.4	11.5	11.7	11.8	12.0	12.1	12.3	12.5	12.6
24.9	11.1	11.3	11.4	11.6	11.8	11.9	12.1	12.2	12.4	12.6
25.0	11.1	11.2	11.4	11.5	11.7	11.9	12.0	12.2	12.3	12.5

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9
21.8	14.6									
21.9	14.6									
22.0	14.5	14.7								
22.1	14.4	14.6	14.8							
22.2	14.4	14.5	14.7	14.9						
22.3	14.3	14.5	14.6	14.8	15.0					
22.4	14.3	14.4	14.6	14.8	14.9	15.1				
22.5	14.2	14.4	14.5	14.7	14.9	15.0	15.2			
22.6	14.1	14.3	14.5	14.6	14.8	15.0	15.1	15.3		
22.7	14.1	14.2	14.4	14.6	14.7	14.9	15.1	15.2	15.4	
22.8	14.0	14.2	14.3	14.5	14.7	14.8	15.0	15.2	15.3	15.5
22.9	14.0	14.1	14.3	14.4	14.6	14.8	14.9	15.1	15.3	15.4
23.0	13.9	14.1	14.2	14.4	14.6	14.7	14.9	15.0	15.2	15.3
23.1	13.8	14.0	14.1	14.3	14.5	14.6	14.8	15.0	15.2	15.3
23.2	13.8	13.9	14.1	14.3	14.4	14.6	14.8	14.9	15.1	15.2
23.3	13.7	13.9	14.0	14.2	14.4	14.5	14.7	14.9	15.0	15.2
23.4	13.6	13.8	14.0	14.1	14.3	14.5	14.6	14.8	15.0	15.1
23.5	13.6	13.8	13.9	14.1	14.2	14.4	14.6	14.7	14.9	15.1
23.6	13.5	13.7	13.9	14.0	14.2	14.4	14.5	14.7	14.8	15.0
23.7	13.5	13.6	13.8	14.0	14.1	14.3	14.5	14.6	14.8	15.0
23.8	13.4	13.6	13.7	13.9	14.0	14.2	14.4	14.6	14.7	14.9
23.9	13.3	13.5	13.7	13.8	14.0	14.2	14.3	14.5	14.7	14.8
24.0	13.3	13.4	13.6	13.8	13.9	14.1	14.3	14.4	14.6	14.8
24.1	13.2	13.4	13.5	13.7	13.9	14.0	14.2	14.4	14.5	14.7
24.2	13.2	13.3	13.5	13.7	13.8	14.0	14.1	14.3	14.5	14.6
24.3	13.1	13.3	13.4	13.6	13.8	13.9	14.1	14.3	14.4	14.6
24.4	13.0	13.2	13.4	13.5	13.7	13.8	14.0	14.2	14.4	14.5
24.5	13.0	13.1	13.3	13.5	13.6	13.8	14.0	14.1	14.3	14.5
24.6	12.9	13.1	13.2	13.4	13.6	13.7	13.9	14.1	14.2	14.4
24.7	12.8	13.0	13.2	13.3	13.5	13.7	13.8	14.0	14.2	14.3
24.8	12.8	13.0	13.1	13.3	13.4	13.6	13.8	13.9	14.1	14.3
24.9	12.7	12.9	13.1	13.2	13.4	13.6	13.7	13.9	14.1	14.2
25.0	12.7	12.8	13.0	13.2	13.3	13.5	13.6	13.8	14.0	14.2

TABLE 2.—Pressure of aqueous vapor—*Continued.*

Dry therm. °C.	Wet thermometer, °C.									
	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9
22.9	15.6									
23.0	15.5	15.7								
23.1	15.5	15.7								
23.2	15.4	15.6	15.8							
23.3	15.4	15.5	15.7	15.9						
23.4	15.3	15.5	15.7	15.8	16.0					
23.5	15.2	15.4	15.6	15.8	15.9	16.1				
23.6	15.2	15.3	15.5	15.7	15.9	16.0	16.2			
23.7	15.1	15.3	15.5	15.6	15.8	16.0	16.1	16.3		
23.8	15.1	15.2	15.4	15.6	15.7	15.9	16.1	16.2	16.4	
23.9	15.0	15.2	15.3	15.5	15.7	15.9	16.0	16.2	16.4	16.5
24.0	14.9	15.1	15.3	15.4	15.6	15.8	16.0	16.1	16.3	16.5
24.1	14.9	15.0	15.2	15.4	15.6	15.7	15.9	16.1	16.2	16.4
24.2	14.8	15.0	15.1	15.3	15.5	15.7	15.8	16.0	16.2	16.4
24.3	14.7	14.9	15.1	15.3	15.4	15.6	15.8	15.9	16.1	16.3
24.4	14.7	14.9	15.0	15.2	15.4	15.5	15.7	15.9	16.1	16.2
24.5	14.6	14.8	15.0	15.1	15.3	15.5	15.7	15.8	16.0	16.2
24.6	14.6	14.7	14.9	15.1	15.2	15.4	15.6	15.8	16.0	16.1
24.7	14.5	14.7	14.8	15.0	15.2	15.4	15.5	15.7	15.9	16.0
24.8	14.4	14.6	14.8	15.0	15.1	15.3	15.5	15.6	15.8	16.0
24.9	14.4	14.5	14.7	14.9	15.1	15.2	15.4	15.6	15.8	15.9
25.0	14.3	14.5	14.7	14.8	15.0	15.2	15.3	15.5	15.7	15.9

Dry therm. °C.	Wet thermometer, °C.									
	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9
24.0	16.6									
24.1	16.6									
24.2	16.5	16.7								
24.3	16.5	16.6	16.8							
24.4	16.4	16.6	16.7	16.9						
24.5	16.3	16.5	16.7	16.9	17.0					
24.6	16.3	16.5	16.6	16.8	17.0	17.2				
24.7	16.2	16.4	16.6	16.7	16.9	17.1	17.3			
24.8	16.2	16.3	16.5	16.7	16.9	17.0	17.2	17.4		
24.9	16.1	16.3	16.4	16.6	16.8	17.0	17.2	17.3	17.5	
25.0	16.0	16.2	16.4	16.6	16.7	16.9	17.1	17.3	17.5	17.6

TABLE 3.

Pressure of aqueous vapor at saturation. (Millimeters of mercury.)[1]

Temp. °C.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
10	9.21	9.27	9.33	9.40	9.46	9.52	9.59	9.65	9.72	9.78
11	9.85	9.91	9.98	10.04	10.11	10.18	10.25	10.31	10.38	10.45
12	10.52	10.59	10.66	10.73	10.80	10.87	10.94	11.02	11.09	11.16
13	11.24	11.31	11.38	11.46	11.53	11.61	11.68	11.76	11.84	11.92
14	11.99	12.07	12.15	12.23	12.31	12.39	12.47	12.55	12.63	12.71
15	12.79	12.88	12.96	13.04	13.13	13.21	13.30	13.38	13.47	13.56
16	13.64	13.73	13.82	13.91	14.00	14.08	14.17	14.27	14.36	14.45
17	14.54	14.63	14.73	14.82	14.91	15.01	15.10	15.20	15.29	15.39
18	15.49	15.59	15.68	15.78	15.88	15.98	16.08	16.18	16.29	16.39
19	16.49	16.59	16.70	16.80	16.91	17.01	17.12	17.22	17.33	17.44
20	17.55	17.66	17.77	17.88	17.99	18.10	18.21	18.32	18.44	18.55
21	18.67	18.78	18.90	19.01	19.13	19.25	19.37	19.48	19.60	19.72
22	19.84	19.97	20.09	20.21	20.33	20.46	20.58	20.71	20.83	20.96
23	21.09	21.22	21.34	21.47	21.60	21.73	21.87	22.00	22.13	22.26
24	22.40	22.53	22.67	22.81	22.94	23.08	23.22	23.36	23.50	23.64
25	23.78	23.92	24.07	24.21	24.35	24.50	24.64	24.79	24.94	25.09
26	25.24	25.39	25.54	25.69	25.84	25.99	26.15	26.30	26.46	26.61
27	26.77	26.93	27.08	27.24	27.40	27.56	27.73	27.89	28.05	28.22
28	28.38	28.55	28.71	28.88	29.05	29.22	29.39	29.56	29.73	29.90
29	30.08	30.25	30.43	30.60	30.78	30.96	31.14	31.32	31.50	31.68
30	31.86	32.04	32.23	32.41	32.60	32.79	32.97	33.16	33.35	33.54
31	33.74	33.93	34.12	34.32	34.51	34.71	34.91	35.10	35.30	35.50
32	35.71	35.91	36.11	36.32	36.52	36.73	36.94	37.14	37.35	37.56
33	37.78	37.99	38.20	38.42	38.63	38.85	39.07	39.28	39.50	39.73
34	39.95	40.17	40.39	40.62	40.85	41.07	41.30	41.53	41.76	41.99
35	42.23	42.46	42.70	42.93	43.17	43.41	43.65	43.89	44.13	44.37
36	44.62	44.86	45.11	45.36	45.61	45.86	46.11	46.36	46.62	46.87

[1] Smithsonian Physical Tables, 1918, pp. 183–184.

TABLE 4.

Millimeters to be subtracted from barometer (brass-scale) readings to reduce them to 0 ° C.[1]

Temp. °C.	Barometric pressure in millimeters.				
	740	750	760	770	780
11.0	1.33	1.35	1.36	1.38	1.40
11.5	1.39	1.41	1.42	1.44	1.46
12.0	1.45	1.47	1.49	1.51	1.53
12.5	1.51	1.53	1.55	1.57	1.59
13.0	1.57	1.59	1.61	1.63	1.65
13.5	1.63	1.65	1.67	1.69	1.71
14.0	1.69	1.71	1.73	1.76	1.78
14.5	1.75	1.77	1.79	1.82	1.84
15.0	1.81	1.83	1.86	1.88	1.91
15.5	1.87	1.89	1.92	1.94	1.97
16.0	1.93	1.96	1.98	2.01	2.03
16.5	1.99	2.02	2.04	2.07	2.09
17.0	2.05	2.08	2.10	2.13	2.16
17.5	2.11	2.14	2.16	2.19	2.22
18.0	2.17	2.20	2.23	2.26	2.29
18.5	2.23	2.26	2.29	2.32	2.35
19.0	2.29	2.32	2.35	2.38	2.41
19.5	2.35	2.38	2.41	2.45	2.48
20.0	2.41	2.44	2.47	2.51	2.54
20.5	2.47	2.50	2.54	2.57	2.61
21.0	2.53	2.56	2.60	2.63	2.67
21.5	2.59	2.63	2.66	2.70	2.73
22.0	2.65	2.69	2.72	2.76	2.79
22.5	2.71	2.75	2.78	2.82	2.86
23.0	2.77	2.81	2.84	2.88	2.92
23.5	2.83	2.87	2.91	2.95	2.99
24.0	2.89	2.93	2.97	3.01	3.05
24.5	2.95	2.99	3.03	3.07	3.11
25.0	3.01	3.05	3.09	3.13	3.17
25.5	3.07	3.11	3.15	3.20	3.24
26.0	3.13	3.17	3.21	3.26	3.30
26.5	3.19	3.23	3.28	3.32	3.36
27.0	3.25	3.29	3.34	3.38	3.42
27.5	3.31	3.35	3.40	3.45	3.49
28.0	3.37	3.41	3.46	3.51	3.55
28.5	3.43	3.48	3.52	3.57	3.62
29.0	3.49	3.54	3.58	3.63	3.68
29.5	3.55	3.60	3.65	3.69	3.74
30.0	3.61	3.66	3.71	3.75	3.80
30.5	3.67	3.72	3.77	3.82	3.87
31.0	3.73	3.78	3.83	3.88	3.93
31.5	3.79	3.84	3.89	3.94	3.99
32.0	3.85	3.90	3.95	4.00	4.05
32.5	3.91	3.96	4.01	4.07	4.12
33.0	3.97	4.02	4.07	4.13	4.18
33.5	4.03	4.08	4.14	4.19	4.25
34.0	4.09	4.14	4.20	4.25	4.31
34.5	4.15	4.20	4.26	4.31	4.37
35.0	4.21	4.26	4.32	4.38	4.43
35.5	4.26	4.32	4.38	4.44	4.50
36.0	4.32	4.38	4.44	4.50	4.56

[1] Landolt-Börnstein, Physikalisch-chemische Tabellen, 1905, p. 35.

TABLE 5.

Logarithms of $\frac{p}{760}$ for barometric pressures between 700.0 and 780.9 millimeters.

Pressure, *p*.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
700	9.96428	9.96435	9.96441	9.96447	9.96453	9.96459	9.96466	9.96472	9.96478	9.96484
701	96490	96497	96503	96509	96515	96521	96528	96534	96540	96546
702	96552	96559	96565	96571	96577	96583	96589	96596	96602	96608
703	96614	96620	96627	96633	96639	96645	96651	96657	96664	96670
704	96676	96682	96688	96694	96701	96707	96713	96719	96725	96731
705	96738	96744	96750	96756	96762	96768	96775	96781	96787	96793
706	96799	96805	96811	96818	96824	96830	96836	96842	96848	96854
707	96861	96867	96873	96879	96885	96891	96897	96904	96910	96916
708	96922	96928	96934	96940	96947	96953	96959	96965	96971	96977
709	96983	96989	96996	97002	97008	97014	97020	97026	97032	97038
710	97044	97051	97057	97063	97069	97075	97081	97087	97093	97100
711	97106	97112	97118	97124	97130	97136	97142	97148	97154	97161
712	97167	97173	97179	97185	97191	97197	97203	97209	97215	97222
713	97228	97234	97240	97246	97252	97258	97264	97270	97276	97282
714	97288	97295	97301	97307	97313	97319	97325	97331	97337	97343
715	97349	97355	97361	97367	97374	97380	97386	97392	97398	97404
716	97410	97416	97422	97428	97434	97440	97446	97452	97458	97465
717	97471	97477	97483	97489	97495	97501	97507	97513	97519	97525
718	97531	97537	97543	97549	97555	97561	97567	97573	97579	97585
719	97592	97598	97604	97610	97616	97622	97628	97634	97640	97646
720	97652	97658	97664	97670	97676	97682	97688	97694	97700	97706
721	97712	97718	97724	97730	97736	97742	97748	97754	97760	97766
722	97772	97778	97784	97790	97796	97802	97808	97814	97820	97826
723	97832	97838	97844	97850	97857	97863	97869	97875	97881	97887
724	97893	97899	97905	97910	97916	97922	97928	97934	97940	97946
725	97952	97958	97964	97970	97976	97982	97988	97994	98000	98006
726	98012	98018	98024	98030	98036	98042	98048	98054	98060	98066
727	98072	98078	98084	98090	98096	98102	98108	98114	98120	98126
728	98132	98138	98144	98150	98156	98162	98168	98174	98179	98185
729	98191	98197	98203	98209	98215	98221	98227	98233	98239	98245
730	98251	98257	98263	98269	98275	98281	98287	98293	98298	98304
731	98310	98316	98322	98328	98334	98340	98346	98352	98358	98364
732	98370	98376	98382	98388	98393	98399	98405	98411	98417	98423
733	98429	98435	98441	98447	98453	98459	98465	98470	98476	98482
734	98488	98494	98500	98506	98512	98518	98524	98530	98536	98541
735	98547	98553	98559	98565	98571	98577	98583	98589	98595	98601
736	98606	98612	98618	98624	98630	98636	98642	98648	98654	98660
737	98665	98671	98677	98683	98689	98695	98701	98707	98713	98718
738	98724	98730	98736	98742	98748	98754	98760	98765	98771	98777
739	98783	98789	98795	98801	98807	98812	98818	98824	98830	98836

TABLE 5.—Logarithms of $\frac{p}{760}$—*Continued.*

Pressure, p.	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
740	9.98842	9.98848	9.98854	9.98859	9.98865	9.98871	9.98877	9.98883	9.98889	9.98895
741	98900	98906	98912	98918	98924	98930	98936	98941	98947	98953
742	98959	98965	98971	98977	98982	98988	98994	99000	99006	99012
743	99018	99023	99029	99035	99041	99047	99053	99058	99064	99070
744	99076	99082	99088	99093	99099	99105	99111	99117	99123	99128
745	99134	99140	99146	99152	99158	99163	99169	99175	99181	99187
746	99193	99198	99204	99210	99216	99222	99227	99233	99239	99245
747	99251	99257	99262	99268	99274	99280	99286	99291	99297	99303
748	99309	99315	99320	99326	99332	99338	99344	99349	99355	99361
749	99367	99373	99378	99384	99390	99396	99402	99407	99413	99419
750	99425	99431	99436	99442	99448	99454	99460	99465	99471	99477
751	99483	99488	99494	99500	99506	99512	99517	99523	99529	99535
752	99540	99546	99552	99558	99564	99569	99575	99581	99587	99592
753	99598	99604	99610	99615	99621	99627	99633	99638	99644	99650
754	99656	99662	99667	99673	99679	99685	99690	99696	99702	99708
755	99713	99719	99725	99731	99736	99742	99748	99754	99759	99765
756	99771	99777	99782	99788	99794	99800	99805	99811	99817	99823
757	99828	99834	99840	99845	99851	99857	99863	99868	99874	99880
758	99886	99891	99897	99903	99908	99914	99920	99926	99931	99937
759	99943	99949	99954	99960	99966	99971	99977	99983	99989	99994
760	0.00000	0.00006	0.00011	0.00017	0.00023	0.00029	0.00034	0.00040	0.00046	0.00051
761	00057	00063	00069	00074	00080	00086	00091	00097	00103	00108
762	00114	00120	00126	00131	00137	00143	00148	00154	00160	00165
763	00171	00177	00182	00188	00194	00200	00205	00211	00217	00222
764	00228	00234	00239	00245	00251	00256	00262	00268	00273	00279
765	00285	00290	00296	00302	00307	00313	00319	00325	00330	00336
766	00342	00347	00353	00359	00364	00370	00376	00381	00387	00393
767	00398	00404	00410	00415	00421	00426	00432	00438	00443	00449
768	00455	00460	00466	00472	00477	00483	00489	00494	00500	00506
769	00511	00517	00523	00528	00534	00540	00545	00551	00556	00562
770	00568	00573	00579	00585	00590	00596	00602	00607	00613	00618
771	00624	00630	00635	00641	00647	00652	00658	00664	00669	00675
772	00680	00686	00692	00697	00703	00708	00714	00720	00725	00731
773	00737	00742	00748	00753	00759	00765	00770	00776	00782	00787
774	00793	00798	00804	00810	00815	00821	00826	00832	00838	00843
775	00849	00854	00860	00866	00871	00877	00882	00888	00894	00899
776	00905	00910	00916	00922	00927	00933	00938	00944	00950	00955
777	00961	00966	00972	00978	00983	00989	00994	01000	01005	01011
778	01017	01022	01028	01033	01039	01045	01050	01056	01061	01067
779	01072	01078	01084	01089	01095	01100	01106	01111	01117	01123
780	01128	01134	01139	01145	01150	01156	01162	01167	01173	01178

TABLE 6.

Logarithms of $\frac{1}{1+0.00367\,t}$ for temperatures between 11.0° and 36.09° C.

Temp. °C.	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
11.0	9.98281	9.98279	9.98278	9.98276	9.98275	9.98273	9.98272	9.98270	9.98269	9.98267
11.1	98266	98264	98263	98261	98260	98258	98257	98255	98254	98252
11.2	98251	98249	98248	98246	98245	98243	98241	98240	98238	98237
11.3	98235	98233	98232	98230	98229	98227	98226	98224	98223	98221
11.4	98220	98218	98217	98215	98214	98212	98211	98209	98208	98206
11.5	98205	98203	98202	98200	98199	98197	98195	98194	98192	98191
11.6	98189	98187	98186	98184	98183	98181	98180	98178	98177	98175
11.7	98174	98172	98171	98169	98168	98166	98165	98163	98162	98160
11.8	98159	98157	98156	98154	98153	98151	98150	98148	98147	98145
11.9	98144	98142	98141	98139	98138	98136	98134	98133	98131	98129
12.0	98128	98126	98125	98123	98122	98120	98119	98117	98116	98114
12.1	98113	98111	98110	98108	98107	98105	98104	98102	98101	98099
12.2	98098	98096	98095	98093	98092	98090	98089	98087	98086	98084
12.3	98083	98081	98080	98078	98077	98075	98073	98072	98070	98069
12.4	98067	98065	98064	98062	98061	98059	98058	98056	98055	98053
12.5	98052	98050	98049	98047	98046	98044	98043	98041	98040	98038
12.6	98037	98035	98034	98032	98031	98029	98028	98026	98025	98023
12.7	98022	98020	98019	98017	98016	98014	98012	98011	98009	98008
12.8	98006	98004	98003	98001	98000	97998	97997	97995	97994	97992
12.9	97991	97989	97988	97986	97985	97983	97982	97980	97979	97977
13.0	97976	97974	97973	97971	97970	97968	97967	97965	97964	97962
13.1	97961	97959	97958	97956	97955	97953	97951	97950	97948	97947
13.2	97945	97943	97942	97940	97939	97937	97936	97934	97933	97931
13.3	97930	97928	97927	97925	97924	97922	97921	97919	97918	97916
13.4	97915	97913	97912	97910	97909	97907	97906	97904	97903	97901
13.5	97900	97898	97897	97895	97894	97892	97890	97889	97887	97886
13.6	97884	97883	97881	97880	97878	97877	97876	97874	97873	97871
13.7	97870	97868	97867	97865	97864	97862	97860	97859	97857	97856
13.8	97854	97852	97851	97849	97848	97846	97845	97843	97842	97840
13.9	97839	97837	97836	97834	97833	97831	97830	97828	97827	97825
14.0	97824	97822	97821	97819	97818	97816	97815	97813	97812	97810
14.1	97809	97807	97806	97804	97803	97801	97800	97798	97797	97795
14.2	97794	97792	97791	97789	97788	97786	97785	97783	97782	97780
14.3	97779	97777	97776	97774	97773	97771	97769	97768	97766	97765
14.4	97763	97761	97760	97758	97757	97755	97754	97752	97751	97749
14.5	97748	97746	97745	97743	97742	97740	97739	97737	97736	97734
14.6	97733	97731	97730	97728	97727	97725	97724	97722	97721	97719
14.7	97718	97716	97715	97713	97712	97710	97709	97707	97706	97704
14.8	97703	97701	97700	97698	97697	97695	97694	97692	97691	97689
14.9	97688	97686	97685	97683	97682	97680	97679	97677	97676	97674
15.0	97673	97671	97670	97668	97667	97665	97664	97662	97661	97659
15.1	97658	97656	97655	97653	97652	97650	97649	97647	97646	97644
15.2	97643	97641	97640	97638	97637	97635	97633	97632	97630	97629
15.3	97627	97625	97624	97622	97621	97619	97618	97616	97615	97613
15.4	97612	97610	97609	97607	97606	97604	97603	97601	97600	97598
15.5	97597	97595	97594	97592	97591	97589	97588	97586	97585	97583
15.6	97582	97580	97579	97577	97576	97574	97573	97571	97570	97568
15.7	97567	97565	97564	97562	97561	97559	97558	97556	97555	97553
15.8	97552	97550	97549	97547	97546	97544	97543	97541	97540	97538
15.9	97537	97535	97534	97532	97531	97529	97528	97526	97525	97523

TABLE 6.—Logarithms of $\frac{1}{1+0.00367\,t}$ —*Continued.*

Temp. °C.	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
16.0	9.97522	9.97520	9.97519	9.97517	9.97516	9.97514	9.97513	9.97511	9.97510	9.97508
16.1	97507	97505	97504	97502	97501	97499	97498	97496	97495	97493
16.2	97492	97490	97489	97487	97486	97484	97483	97481	97480	97478
16.3	97477	97475	97474	97472	97471	97469	97468	97466	97465	97463
16.4	97462	97460	97459	97457	97456	97454	97453	97451	97450	97448
16.5	97447	97445	97444	97442	97441	97439	97438	97436	97435	97433
16.6	97432	97430	97429	97427	97426	97424	97423	97421	97420	97418
16.7	97417	97415	97414	97412	97411	97409	97408	97406	97405	97403
16.8	97402	97400	97399	97397	97396	97394	97393	97391	97390	97388
16.9	97387	97385	97384	97382	97381	97379	97378	97376	97375	97373
17.0	97372	97370	97369	97367	97366	97364	97363	97361	97360	97358
17.1	97357	97355	97354	97352	97351	97349	97348	97346	97345	97343
17.2	97342	97340	97339	97337	97336	97334	97333	97331	97330	97328
17.3	97327	97325	97324	97322	97321	97319	97318	97316	97315	97313
17.4	97312	97310	97309	97307	97306	97304	97303	97301	97300	97298
17.5	97297	97295	97294	97292	97291	97289	97288	97286	97285	97283
17.6	97282	97280	97279	97277	97276	97274	97273	97271	97270	97268
17.7	97267	97265	97264	97262	97261	97259	97258	97256	97255	97253
17.8	97252	97250	97249	97247	97246	97244	97243	97241	97240	97238
17.9	97237	97235	97234	97232	97231	97229	97228	97226	97225	97223
18.0	97222	97220	97219	97217	97216	97214	97213	97211	97210	97208
18.1	97207	97205	97204	97202	97201	97199	97198	97196	97195	97193
18.2	97192	97190	97189	97187	97186	97184	97183	97181	97180	97178
18.3	97177	97175	97174	97172	97171	97169	97168	97166	97165	97163
18.4	97162	97160	97159	97157	97156	97154	97153	97151	97150	97148
18.5	97147	97145	97144	97142	97141	97139	97138	97136	97135	97133
18.6	97132	97130	97129	97127	97126	97124	97123	97121	97120	97118
18.7	97117	97115	97114	97112	97111	97109	97108	97106	97105	97103
18.8	97102	97101	97099	97098	97096	97095	97094	97092	97091	97089
18.9	97088	97086	97085	97083	97082	97080	97079	97077	97076	97074
19.0	97073	97071	97070	97068	97067	97065	97064	97062	97061	97059
19.1	97058	97056	97055	97053	97052	97050	97049	97047	97046	97044
19.2	97043	97041	97040	97038	97037	97035	97034	97032	97031	97029
19.3	97028	97026	97025	97023	97022	97020	97019	97017	97016	97014
19.4	97013	97011	97010	97008	97007	97005	97004	97002	97001	96999
19.5	96998	96996	96995	96993	96992	96990	96989	96987	96986	96984
19.6	96983	96981	96980	96978	96977	96975	96974	96972	96971	96969
19.7	96968	96967	96965	96964	96962	96961	96960	96958	96957	96955
19.8	96954	96952	96951	96949	96948	96946	96945	96943	96942	96940
19.9	96939	96937	96936	96934	96933	96931	96930	96928	96927	96925
20.0	96924	96922	96921	96919	96918	96916	96915	96913	96912	96910
20.1	96909	96907	96906	96904	96903	96901	96900	96898	96897	96895
20.2	96894	96892	96891	96889	96888	96886	96885	96883	96882	96880
20.3	96879	96877	96876	96874	96873	96871	96870	96868	96867	96865
20.4	96864	96863	96861	96860	96858	96857	96856	96854	96853	96851
20.5	96850	96848	96847	96845	96844	96842	96841	96839	96838	96836
20.6	96835	96833	96832	96830	96829	96827	96826	96824	96823	96821
20.7	96820	96818	96817	96815	96814	96812	96811	96809	96808	96806
20.8	96805	96803	96802	96800	96799	96797	96796	96794	96793	96791
20.9	96790	96789	96787	96786	96784	96783	96782	96780	96779	96777

TABLE 6.—Logarithms of $\frac{1}{1+0.00367\,t}$—*Continued.*

Temp. °C.	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
21.0	9.96776	9.96774	9.96773	9.96771	9.96770	9.96768	9.96767	9.96765	9.96764	9.96762
21.1	96761	96759	96758	96756	96755	96753	96752	96750	96749	96747
21.2	96746	96744	96743	96741	96740	96738	96737	96735	96734	96732
21.3	96731	96729	96728	96726	96725	96723	96722	96720	96719	96717
21.4	96716	96715	96713	96712	96710	96709	96708	96706	96705	96703
21.5	96702	96700	96699	96697	96696	96694	96693	96691	96690	96688
21.6	96687	96685	96684	96682	96681	96679	96678	96676	96675	96673
21.7	96672	96670	96669	96667	96666	96664	96663	96661	96660	96658
21.8	96657	96656	96654	96653	96651	96650	96649	96647	96646	96644
21.9	96643	96641	96640	96638	96637	96635	96634	96632	96631	96629
22.0	96628	96626	96625	96623	96622	96620	96619	96617	96616	96614
22.1	96613	96611	96610	96608	96607	96605	96604	96602	96601	96599
22.2	96598	96597	96595	96594	96592	96591	96590	96588	96587	96585
22.3	96584	96582	96581	96579	96578	96576	96575	96573	96572	96570
22.4	96569	96567	96566	96564	96563	96561	96560	96558	96557	96555
22.5	96554	96552	96551	96549	96548	96546	96545	96543	96542	96540
22.6	96539	96538	96536	96535	96533	96532	96531	96529	96528	96526
22.7	96525	96523	96522	96520	96519	96517	96516	96514	96513	96511
22.8	96510	96508	96507	96505	96504	96502	96501	96499	96498	96496
22.9	96495	96494	96492	96491	96489	96488	96487	96485	96684	96482
23.0	96481	96479	96478	96476	96475	96473	96472	96470	96469	96467
23.1	96466	96464	96463	96461	96460	96458	96457	96455	96454	96452
23.2	96451	96450	96448	96447	96445	96444	96443	96441	96440	96438
23.3	96437	96435	96434	96432	96431	96429	96428	96426	96425	96423
23.4	96422	96420	96419	96417	96416	96414	96413	96411	96410	96408
23.5	96407	96406	96404	96403	96401	96400	96399	96397	96396	96394
23.6	96393	96391	96390	96388	96387	96385	96384	96382	96381	96379
23.7	96378	96376	96375	96373	96372	96370	96369	96367	96366	96364
23.8	96363	96361	96360	96358	96357	96355	96354	96352	96351	96349
23.9	96348	96347	96345	96344	96342	96341	96340	96338	96337	96335
24.0	96334	96332	96331	96329	96328	96326	96325	96323	96322	96320
24.1	96319	96318	96316	96315	96313	96312	96311	96309	96308	96306
24.2	96305	96303	96302	96300	96299	96297	96296	96294	96293	96291
24.3	96290	96288	96287	96285	96284	96282	96281	96279	96278	96276
24.4	96275	96274	96272	96271	96269	96268	96267	96265	96264	96262
24.5	96261	96259	96258	96256	96255	96253	96252	96250	96249	96247
24.6	96246	96245	96243	96242	96240	96239	96238	96236	96235	96233
24.7	96232	96230	96229	96227	96226	96224	96223	96221	96220	96218
24.8	96217	96215	96214	96212	96211	96209	96208	96206	96205	96203
24.9	96202	96201	96199	96198	96196	96195	96194	96192	96191	96189
25.0	96188	96186	96185	96183	96182	96180	96179	96177	96176	96174
25.1	96173	96171	96170	96168	96167	96165	96164	96162	96161	96159
25.2	96158	96157	96155	96154	96152	96151	96150	96148	96147	96145
25.3	96144	96142	96141	96139	96138	96136	96135	96133	96132	96130
25.4	96129	96128	96126	96125	96123	96122	96121	96119	96118	96116
25.5	96115	96113	96112	96110	96109	96107	96106	96104	96103	96101
25.6	96100	96099	96097	96096	96094	96093	96092	96090	96089	96087
25.7	96086	96084	96083	96081	96080	96078	96077	96075	96074	96072
25.8	96071	96069	96068	96066	96065	96063	96062	96060	96059	96057
25.9	96056	96055	96053	96052	96050	96049	96048	96046	96045	96043

TABLE 6.—Logarithms of $\frac{1}{1+0.00367\,t}$—*Continued.*

Temp. °C.	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
26.0	9.96042	9.96040	9.96039	9.96037	9.96036	9.96034	9.96033	9.96031	9.96030	9.96028
26.1	96027	96026	96024	96023	96021	96020	96019	96017	96016	96014
26.2	96013	96011	96010	96008	96007	96005	96004	96002	96001	95999
26.3	95998	95997	95995	95994	95992	95991	95990	95988	95987	95985
26.4	95984	95982	95981	95979	95978	95976	95975	95973	95972	95970
26.5	95969	95968	95966	95965	95963	95962	95961	95959	95958	95956
26.6	95955	95953	95952	95950	95949	95947	95946	95944	95943	95941
26.7	95940	95939	95937	95936	95934	95933	95932	95930	95929	95927
26.8	95926	95924	95923	95921	95920	95918	95917	95915	95914	95912
26.9	95911	95910	95908	95907	95905	95904	95903	95901	95900	95898
27.0	95897	95895	95894	95892	95891	95889	95888	95886	95885	95883
27.1	95882	95881	95879	95878	95876	95875	95874	95872	95871	95869
27.2	95868	95866	95865	95863	95862	95860	95858	95857	95855	95854
27.3	95852	95851	95849	95848	95847	95845	95844	95843	95842	95840
27.4	95839	95837	95836	95834	95833	95831	95830	95828	95827	95825
27.5	95824	95823	95821	95820	95818	95817	95816	95814	95813	95811
27.6	95810	95808	95807	95805	95804	95802	95801	95799	95798	95796
27.7	95795	95794	95792	95791	95789	95788	95787	95785	95784	95782
27.8	95781	95779	95778	95776	95775	95773	95772	95770	95769	95767
27.9	95766	95765	95763	95762	95760	95759	95758	95756	95755	95753
28.0	95752	95750	95749	95747	95746	95744	95743	95741	95740	95738
28.1	95737	95736	95734	95733	95731	95730	95729	95727	95726	95724
28.2	95723	95722	95720	95719	95717	95716	95715	95713	95712	95710
28.3	95709	95707	95706	95704	95703	95701	95700	95698	95697	95695
28.4	95694	95693	95691	95690	95688	95687	95686	95684	95683	95681
28.5	95680	95678	95677	95675	95674	95672	95671	95669	95668	95666
28.6	95665	95664	95662	95661	95659	95658	95657	95655	95654	95652
28.7	95651	95649	95648	95646	95645	95643	95642	95641	95639	95637
28.8	95636	95635	95633	95632	95630	95629	95628	95626	95625	95623
28.9	95622	95621	95619	95618	95616	95615	95614	95612	95611	95609
29.0	95608	95606	95605	95603	95602	95600	95599	95597	95596	95594
29.1	95593	95592	95590	95589	95587	95586	95585	95583	95582	95580
29.2	95579	95577	95576	95574	95573	95571	95570	95568	95567	95565
29.3	95564	95563	95561	95560	95558	95557	95556	95554	95553	95551
29.4	95550	95549	95547	95546	95544	95543	95542	95540	95539	95537
29.5	95536	95534	95533	95531	95530	95528	95527	95525	95524	95522
29.6	95521	95520	95518	95517	95515	95514	95513	95511	95510	95508
29.7	95507	95506	95504	95503	95501	95500	95499	95497	95496	95494
29.8	95493	95491	95490	95488	95487	95485	95484	95482	95481	95479
29.9	95478	95477	95475	95474	95472	95471	95470	95468	95467	95465
30.0	95464	95462	95461	95459	95458	95456	95455	95453	95452	95450
30.1	95449	95448	95446	95445	95443	95442	95441	95439	95438	95436
30.2	95435	95434	95432	95431	95429	95428	95427	95425	95424	95422
30.3	95421	95419	95418	95416	95415	95413	95412	95410	95409	95407
30.4	95406	95405	95403	95402	95400	95399	95398	95396	95395	95394
30.5	95392	95391	95389	95388	95386	95385	95384	95382	95381	95379
30.6	95378	95376	95375	95373	95372	95370	95369	95367	95366	95364
30.7	95363	95362	95360	95359	95357	95356	95355	95353	95352	95350
30.8	95349	95348	95346	95345	95343	95342	95341	95339	95338	95336
30.9	95335	95333	95332	95330	95329	95327	95326	95324	95323	95321

TABLE 6.—Logarithms of $\frac{1}{1+0.00367\,t}$—*Continued.*

Temp. °C.	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
31.0	9.95320	9.95318	9.95317	9.95315	9.95314	9.95313	9.95311	9.95310	9.95308	9.95307
31.1	95306	95304	95303	95301	95300	95299	95297	95296	95294	95293
31.2	95292	95290	95289	95287	95286	95285	95283	95282	95280	95279
31.3	95278	95276	95275	95273	95272	95271	95269	95268	95266	95264
31.4	95263	95261	95260	95258	95257	95256	95254	95253	95251	95250
31.5	95249	95247	95246	95244	95243	95242	95240	95239	95237	95236
31.6	95235	95233	95232	95230	95229	95228	95226	95225	95223	95221
31.7	95220	95218	95217	95215	95214	95213	95211	95210	95208	95207
31.8	95206	95204	95203	95202	95201	95200	95198	95197	95195	95193
31.9	95192	95190	95189	95188	95187	95186	95184	95183	95182	95180
32.0	95178	95176	95175	95173	95172	95171	95169	95167	95165	95164
32.1	95163	95161	95160	95159	95158	95157	95155	95153	95151	95150
32.2	95149	95147	95146	95145	95144	95143	95141	95139	95137	95136
32.3	95135	95133	95132	95131	95130	95129	95127	95125	95123	95122
32.4	95121	95119	95118	95116	95115	95114	95112	95110	95108	95107
32.5	95106	95104	95103	95101	95100	95099	95097	95095	95094	95093
32.6	95092	95090	95089	95087	95086	95085	95083	95081	95080	95079
32.7	95078	95076	95075	95073	95072	95071	95069	95067	95066	95065
32.8	95064	95062	95061	95059	95058	95057	95055	95053	95051	95050
32.9	95049	95047	95046	95044	95043	95042	95040	95038	95037	95036
33.0	95035	95033	95032	95031	95030	95029	95027	95025	95023	95022
33.1	95021	95019	95018	95016	95015	95013	95011	95010	95009	95008
33.2	95007	95005	95004	95002	95001	94999	94997	94996	94995	94994
33.3	94992	94990	94989	94987	94986	94984	94982	94981	94980	94979
33.4	94978	94976	94975	94973	94972	94970	94968	94967	94966	94965
33.5	94964	94962	94961	94959	94958	94956	94954	94953	94952	94951
33.6	94950	94948	94947	94945	94944	94942	94940	94939	94938	94937
33.7	94936	94934	94933	94931	94930	94928	94926	94925	94924	94923
33.8	94921	94919	94918	94916	94915	94913	94911	94910	94909	94908
33.9	94907	94905	94904	94902	94901	94899	94897	94896	94895	94894
34.0	94893	94891	94890	94888	94887	94885	94883	94882	94881	94880
34.1	94879	94877	94876	94874	94873	94871	94869	94868	94867	94866
34.2	94865	94863	94862	94860	94859	94857	94855	94854	94853	94852
34.3	94851	94849	94848	94846	94845	94843	94841	94840	94839	94838
34.4	94837	94835	94834	94832	94831	94829	94827	94826	94825	94824
34.5	94823	94821	94820	94818	94817	94815	94813	94812	94811	94810
34.6	94808	94806	94805	94803	94802	94800	94798	94797	94796	94795
34.7	94794	94792	94791	94789	94788	94786	94784	94783	94782	94781
34.8	94780	94778	94777	94775	94774	94772	94770	94769	94768	94767
34.9	94766	94764	94763	94761	94760	94758	94756	94755	94754	94753
35.0	94752	94750	94749	94747	94746	94744	94742	94741	94740	94739
35.1	94738	94736	94735	94733	94732	94730	94728	94727	94726	94725
35.2	94724	94722	94721	94719	94718	94716	94714	94713	94712	94711
35.3	94710	94708	94707	94705	94704	94702	94700	94699	94698	94697
35.4	94696	94694	94693	94691	94690	94688	94686	94685	94684	94683
35.5	94681	94679	94678	94676	94675	94673	94671	94670	94669	94668
35.6	94667	94665	94664	94662	94661	94659	94657	94656	94655	94654
35.7	94653	94651	94650	94648	94647	94645	94643	94642	94641	94640
35.8	94639	94637	94636	94634	94633	94631	94629	94628	94627	94626
35.9	94625	94623	94622	94620	94619	94617	94615	94614	94613	94612
36.0	94611	94609	94608	94606	94605	94603	94601	94600	94599	94598

TABLE 7.

Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure. $\left(\frac{1}{1+0.00367\,t} \times \frac{p-e}{760}\right)$; t = temperature; p = barometric pressure corrected for scale correction; e = pressure of aqueous vapor at t.

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
10.1	9.96773	9.96832	9.96891	9.96950	9.97010	9.97069	9.97128	9.97187	9.97245	9.97304
10.2	96754	96813	96872	96931	96991	97050	97109	97168	97226	97285
10.3	96735	96794	96853	96912	96972	97031	97090	97149	97207	97266
10.4	96716	96775	96834	96893	96953	97012	97071	97130	97188	97247
10.5	96697	96756	96815	96874	96934	96993	97052	97111	97169	97228
10.6	96678	96737	96796	96855	96915	96974	97033	97092	97150	97209
10.7	96659	96718	96777	96836	96896	96955	97014	97073	97131	97190
10.8	96640	96699	96758	96817	96877	96936	96995	97054	97112	97171
10.9	96620	96679	96738	96797	96857	96916	96975	97034	97092	97151
11.0	96600	96659	96718	96777	96837	96896	96955	97014	97073	97132
11.1	96581	96640	96699	96758	96818	96877	96936	96995	97054	97112
11.2	96562	96621	96680	96739	96799	96858	96917	96976	97035	97093
11.3	96543	96602	96661	96720	96780	96839	96898	96957	97016	97074
11.4	96524	96583	96642	96701	96760	96820	96879	96938	96996	97055
11.5	96505	96564	96623	96682	96742	96801	96860	96919	96978	97037
11.6	96486	96545	96604	96663	96723	96782	96841	96900	96959	97018
11.7	96467	96526	96585	96644	96704	96763	96822	96881	96940	96999
11.8	96447	96506	96565	96625	96685	96744	96803	96862	96921	96979
11.9	96427	96486	96545	96605	96665	96724	96783	96842	96901	96959
12.0	96407	96466	96525	96585	96645	96704	96763	96822	96881	96939
12.1	96387	96446	96505	96565	96625	96684	96743	96802	96861	96920
12.2	96367	96426	96485	96545	96605	96664	96723	96782	96841	96901
12.3	96348	96407	96466	96526	96586	96645	96704	96763	96822	96882
12.4	96329	96388	96447	96507	96567	96626	96685	96744	96803	96862
12.5	96310	96369	96428	96488	96548	96607	96666	96725	96784	96843
12.6	96291	96350	96409	96469	96529	96588	96647	96706	96765	96824
12.7	96271	96330	96389	96449	96509	96568	96627	96686	96745	96804
12.8	96252	96311	96370	96430	96489	96549	96608	96667	96725	96784
12.9	96232	96291	96350	96410	96469	96529	96588	96647	96705	96764
13.0	96212	96271	96330	96390	96450	96509	96568	96627	96686	96745
13.1	96193	96252	96311	96370	96430	96489	96548	96607	96667	96725
13.2	96173	96232	96291	96351	96410	96470	96529	96588	96647	96705
13.3	96154	96213	96272	96332	96391	96451	96510	96569	96628	96686
13.4	96134	96193	96252	96312	96372	96431	96490	96549	96608	96668
13.5	96114	96173	96232	96292	96352	96412	96471	96530	96589	96649
13.6	96094	96153	96212	96272	96332	96392	96451	96510	96570	96629
13.7	96075	96134	96193	96253	96313	96372	96431	96490	96550	96609
13.8	96055	96114	96173	96233	96293	96352	96411	96470	96530	96589
13.9	96036	96095	96154	96214	96274	96333	96392	96451	96510	96569
14.0	96016	96075	96134	96194	96254	96314	96373	96432	96490	96549
14.1	95997	96056	96115	96175	96235	96294	96353	96412	96470	96530
14.2	95977	96036	96095	96155	96215	96274	96333	96392	96451	96511
14.3	95956	96015	96074	96134	96194	96253	96312	96371	96431	96490
14.4	95936	95995	96054	96114	96174	96233	96292	96351	96411	96470
14.5	95916	95975	96034	96094	96154	96213	96272	96331	96391	96450
14.6	95897	95956	96015	96075	96135	96194	96253	96312	96372	96431
14.7	95877	95936	95995	96055	96115	96174	96233	96292	96352	96411
14.8	95857	95916	95975	96035	96095	96154	96213	96272	96332	96391
14.9	95837	95896	95955	96015	96077	96134	96193	96252	96312	96371
15.0	95817	95876	95935	95995	96055	96114	96173	96232	96292	96351

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
15.1	9.95797	9.95856	9.95915	9.95975	9.96035	9.96094	9.96153	9.96212	9.96272	9.96331
15.2	95777	95836	95895	95955	96015	96074	96133	96192	96252	96311
15.3	95757	95816	95875	95935	95995	96054	96113	96172	96232	96291
15.4	95736	95795	95855	95915	95975	96034	96093	96152	96211	96270
15.5	95715	95774	95834	95894	95954	96013	96072	96131	96191	96249
15.6	95695	95754	95814	95874	95934	95993	96052	96111	96171	96230
15.7	95675	95734	95794	95854	95914	95973	96032	96091	96151	96210
15.8	95655	95714	95774	95834	95894	95953	96012	96071	96131	96190
15.9	95635	95694	95754	95814	95874	95933	95992	96051	96111	96170
16.0	95614	95673	95733	95793	95853	95912	95971	96030	96090	96149
16.1	95594	95653	95713	95773	95833	95892	95951	96010	96070	96129
16.2	95574	95633	95693	95753	95813	95872	95931	95990	96050	96109
16.3	95554	95613	95673	95733	95793	95852	95911	95970	96030	96089
16.4	95534	95593	95653	95713	95773	95832	95891	95950	96010	96069
16.5	95514	95573	95633	95693	95753	95812	95871	95930	95990	96049
16.6	95494	95553	95613	95673	95733	95792	95851	95910	95970	96029
16.7	95474	95533	95593	95653	95713	95772	95831	95890	95950	96009
16.8	95452	95512	95572	95632	95692	95751	95810	95869	95929	95988
16.9	95431	95491	95551	95511	95671	95730	95789	95848	95908	95967
17.0	95410	95470	95530	95590	95650	95709	95768	95827	95887	95946
17.1	95390	95450	95510	95570	95630	95689	95748	95807	95867	95926
17.2	95370	95430	95490	95550	95610	95669	95728	95787	95847	95906
17.3	95349	95409	95469	95529	95589	95648	95707	95766	95826	95885
17.4	95328	95388	95448	95508	95568	95627	95686	95745	95805	95864
17.5	95307	95367	95427	95487	95547	95606	95665	95724	95784	95843
17.6	95287	95347	95407	95467	95527	95586	95645	95704	95764	95823
17.7	95267	95327	95387	95447	95507	95566	95625	95684	95744	95803
17.8	95246	95306	95366	95426	95486	95545	95604	95663	95723	95783
17.9	95225	95285	95345	95405	95465	95524	95583	95642	95702	95762
18.0	95204	95264	95324	95384	95444	95503	95562	95622	95682	95741
18.1	95184	95244	95304	95364	95424	95483	95542	95602	95662	95721
18.2	95163	95223	95283	95343	95403	95462	95521	95581	95641	95700
18.3	95142	95202	95262	95322	95382	95441	95500	95560	95620	95679
18.4	95121	95181	95241	95301	95361	95420	95479	95539	95599	95658
18.5	95101	95161	95221	95281	95340	95399	95458	95518	95578	95637
18.6	95080	95140	95200	95260	95319	95378	95437	95497	95557	95616
18.7	95058	95118	95178	95238	95297	95356	95415	95475	95535	95594
18.8	95037	95097	95157	95217	95276	95335	95394	95454	95514	95573
18.9	95017	95076	95136	95196	95256	95315	95374	95434	95494	95553
19.0	94996	95056	95116	95176	95236	95295	95354	95413	95473	95532
19.1	94975	95035	95095	95155	95215	95274	95333	95393	95452	95512
19.2	94954	95014	95074	95134	95194	95253	95312	95372	95431	95491
19.3	94931	94991	95051	95111	95171	95230	95289	95349	95409	95468
19.4	94910	94970	95030	95090	95150	95209	95268	95328	95388	95447
19.5	94889	94949	95009	95069	95129	95188	95247	95307	95367	95426
19.6	94868	94928	94988	95048	95108	95167	95226	95286	95346	95405
19.7	94847	94907	94967	95027	95087	95146	95205	95265	95325	95384
19.8	94825	94885	94945	95005	95065	95125	95184	95244	95304	95363
19.9	94804	94864	94924	94984	95044	95103	95162	95222	95282	95341
	94783	94843	94903	94963	95023	95082	95141	95201	95261	95320

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
20.1	9.94762	9.94822	9.94882	9.94942	9.95002	9.95061	9.95120	9.95180	9.95240	9.95299
20.2	94741	94801	94861	94921	94981	95040	95099	95159	95219	95278
20.3	94719	94779	94839	94899	94959	95018	95077	95137	95197	95257
20.4	94697	94757	94817	94877	94937	94996	95055	95115	95175	95235
20.5	94676	94736	94796	94856	94916	94975	95034	95094	95154	95214
20.6	94655	94715	94775	94835	94895	94954	95013	95073	95133	95193
20.7	94634	94694	94754	94814	94874	94933	94992	95052	95112	95172
20.8	94611	94671	94731	94791	94851	94910	94970	95030	95090	95149
20.9	94589	94649	94709	94769	94829	94888	94948	95008	95068	95127
21.0	94568	94628	94688	94748	94808	94867	94927	94987	95047	95106
21.1	94546	94606	94666	94726	94786	94846	94906	94966	95026	95085
21.2	94524	94584	94644	94704	94764	94824	94884	94944	95004	95063
21.3	94502	94562	94622	94682	94742	94802	94862	94922	94982	95041
21.4	94481	94541	94601	94661	94721	94780	94840	94900	94960	95019
21.5	94460	94520	94580	94640	94700	94759	94819	94879	94939	94998
21.6	94438	94498	94558	94618	94678	94737	94797	94857	94917	94977
21.7	94416	94476	94536	94596	94656	94715	94775	94835	94895	94955
21.8	94394	94454	94514	94574	94634	94693	94753	94813	94873	94933
21.9	94372	94432	94492	94552	94612	94671	94731	94791	94851	94911
22.0	94350	94410	94470	94530	94590	94649	94709	94769	94829	94889
22.1	94327	94387	94447	94507	94567	94626	94686	94746	94806	94866
22.2	94305	94365	94425	94485	94545	94604	94664	94724	94784	94844
22.3	94284	94344	94404	94464	94524	94583	94643	94703	94763	94823
22.4	94262	94322	94382	94442	94502	94561	94621	94681	94741	94801
22.5	94240	94300	94360	94420	94480	94539	94599	94659	94719	94779
22.6	94218	94278	94338	94398	94458	94517	94577	94637	94697	94757
22.7	94196	94256	94316	94376	94436	94495	94555	94615	94675	94735
22.8	94173	94233	94293	94353	94413	94473	94533	94593	94653	94712
22.9	94149	94209	94269	94329	94390	94450	94510	94570	94629	94688
23.0	94127	94187	94247	94307	94368	94428	94488	94548	94607	94666
23.1	94105	94165	94225	94285	94346	94406	94465	94525	94585	94644
23.2	94083	94143	94203	94263	94324	94384	94443	94503	94563	94622
23.3	94060	94120	94180	94241	94302	94362	94421	94481	94541	94600
23.4	94037	94097	94157	94218	94279	94339	94399	94459	94518	94578
23.5	94014	94074	94134	94195	94256	94316	94376	94436	94495	94555
23.6	93992	94052	94112	94173	94234	94293	94353	94413	94473	94533
23.7	93970	94030	94090	94150	94211	94271	94331	94391	94451	94511
23.8	93947	94007	94067	94127	94188	94248	94308	94368	94428	94488
23.9	93923	93983	94043	94103	94164	94224	94284	94344	94404	94464
24.0	93901	93961	94021	94081	94142	94202	94262	94322	94382	94442
24.1	93879	93939	93999	94059	94120	94180	94240	94300	94360	94420
24.2	93856	93916	93976	94036	94097	94157	94217	94277	94337	94397
24.3	93833	93893	93953	94013	94074	94134	94194	94254	94314	94374
24.4	93810	93870	93930	93990	94051	94111	94171	94231	94291	94351
24.5	93787	93847	93907	93967	94028	94088	94148	94208	94268	94328
24.6	93763	93823	93883	93943	94004	94065	94125	94185	94245	94305
24.7	93740	93800	93860	93920	93981	94042	94102	94162	94222	94282
24.8	93717	93777	93837	93897	93958	94019	94079	94139	94199	94259
24.9	93694	93754	93814	93874	93935	93996	94056	94116	94175	94235
25.0	93671	93731	93791	93852	93913	93973	94033	94093	94153	94213

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
25.1	9.93647	9.93707	9.93767	9.93828	9.93889	9.93949	9.94009	9.94069	9.94129	9.94189
25.2	93624	93684	93744	93805	93866	93926	93986	94046	94106	94166
25.3	93602	93662	93722	93783	93844	93904	93964	94024	94084	94144
25.4	93579	93639	93699	93760	93821	93881	93941	94001	94061	94121
25.5	93556	93616	93676	93737	93798	93858	93918	93978	94038	94098
25.6	93532	93592	93653	93714	93775	93835	93895	93955	94015	94075
25.7	93508	93568	93629	93690	93751	93811	93871	93931	93992	94051
25.8	93484	93544	93605	93666	93727	93787	93847	93907	93968	94027
25.9	93460	93520	93581	93642	93703	93763	93823	93883	93944	94003
26.0	93437	93497	93558	93619	93680	93740	93800	93860	93921	93980
26.1	93413	93473	93534	93595	93656	93716	93776	93836	93897	93956
26.2	93390	93450	93511	93572	93633	93693	93753	93813	93874	93933
26.3	93367	93427	93488	93549	93610	93670	93730	93790	93851	93910
26.4	93343	93403	93464	93525	93586	93646	93706	93766	93827	93886
26.5	93319	93379	93440	93501	93562	93622	93682	93742	93802	93862
26.6	93295	93355	93416	93477	93538	93598	93658	93718	93778	93839
26.7	93271	93331	93392	93453	93514	93574	93634	93694	93754	93816
26.8	93246	93306	93367	93428	93489	93549	93609	93669	93729	93791
26.9	93222	93282	93343	93404	93465	93525	93585	93645	93706	93767
27.0	93199	93259	93320	93381	93442	93502	93562	93622	93683	93744
27.1	93175	93235	93296	93357	93418	93478	93538	93598	93659	93720
27.2	93151	93211	93272	93333	93394	93454	93514	93574	93635	93696
27.3	93127	93187	93248	93309	93370	93430	93490	93550	93611	93672
27.4	93103	93163	93224	93285	93346	93406	93466	93526	93587	93647
27.5	93077	93138	93199	93260	93321	93381	93441	93501	93562	93622
27.6	93053	93114	93175	93236	93297	93357	93417	93477	93538	93599
27.7	93029	93090	93151	93212	93273	93333	93393	93453	93514	93575
27.8	93005	93066	93127	93188	93249	93309	93369	93429	93490	93550
27.9	92980	93041	93102	93163	93224	93284	93344	93404	93465	93525
28.0	92956	93017	93078	93139	93200	93260	93320	93380	93441	93501
28.1	92930	92991	93053	93113	93174	93234	93294	93355	93416	93476
28.2	92907	92968	93029	93090	93151	93211	93271	93332	93393	93453
28.3	92882	92943	93004	93065	93126	93186	93246	93307	93368	93428
28.4	92858	92918	92979	93040	93101	93161	93221	93282	93343	93404
28.5	92833	92893	92954	93014	93075	93135	93195	93256	93317	93379
28.6	92808	92868	92929	92989	93050	93110	93170	93231	93292	93355
28.7	92783	92844	92904	92965	93026	93086	93146	93207	93268	93330
28.8	92758	92819	92880	92941	93002	93062	93120	93183	93244	93305
28.9	92734	92795	92856	92917	92978	93038	93098	93159	93220	93280
29.0	92708	92769	92830	92891	92952	93012	93073	93134	93195	93255
29.1	92683	92744	92805	92866	92927	92987	93048	93109	93170	93230
29.2	92658	92719	92780	92841	92902	92962	93023	93084	93145	93205
29.3	92633	92694	92755	92816	92877	92937	92998	93059	93120	93180
29.4	92608	92669	92730	92791	92852	92912	92972	93033	93094	93155
29.5	92582	92643	92704	92765	92826	92886	92946	93007	93068	93129
29.6	92557	92618	92679	92740	92801	92861	92921	92982	93043	93104
29.7	92532	92593	92654	92715	92775	92836	92896	92957	93018	93079
29.8	92507	92568	92629	92690	92750	92811	92871	92932	92993	93053
29.9	92481	92542	92603	92664	92724	92785	92846	92907	92967	93027
30.0	*92455*	*92516*	92577	92638	92699	92759	92820	92881	92942	93002

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
10.1	9.97362	9.97420	9.97478	9.97537	9.97596	9.97655	9.97713	9.97771	9.97828	9.97886
10.2	97343	97401	97459	97518	97577	97636	97694	97752	97809	97867
10.3	97324	97382	97440	97499	97558	97617	97675	97733	97790	97848
10.4	97305	97363	97421	97480	97539	97598	97656	97714	97771	97829
10.5	97286	97344	97402	97461	97520	97579	97637	97695	97752	97810
10.6	97267	97325	97383	97442	97501	97560	97618	97676	97733	97791
10.7	97248	97306	97364	97423	97482	97541	97599	97657	97714	97772
10.8	97229	97287	97345	97404	97463	97522	97580	97638	97695	97753
10.9	97209	97267	97326	97385	97444	97502	97560	97618	97676	97734
11.0	97190	97248	97307	97365	97424	97482	97540	97598	97656	97714
11.1	97170	97228	97287	97345	97404	97462	97520	97578	97637	97695
11.2	97151	97209	97268	97326	97385	97443	97501	97559	97618	97676
11.3	97132	97190	97249	97307	97366	97424	97482	97540	97599	97657
11.4	97113	97171	97229	97288	97347	97405	97463	97521	97580	97638
11.5	97094	97152	97210	97269	97329	97387	97445	97503	97562	97620
11.6	97075	97133	97191	97250	97310	97368	97426	97484	97543	97601
11.7	97056	97114	97172	97231	97291	97349	97407	97465	97524	97582
11.8	97037	97095	97153	97212	97272	97330	97388	97446	97505	97563
11.9	97017	97075	97134	97193	97252	97310	97368	97426	97485	97543
12.0	96998	97056	97115	97174	97232	97291	97349	97407	97465	97523
12.1	96979	97037	97096	97155	97213	97272	97330	97388	97446	97504
12.2	96960	97018	97077	97136	97194	97253	97311	97369	97427	97485
12.3	96941	96999	97058	97117	97175	97234	97292	97350	97407	97465
12.4	96921	96979	97038	97097	97155	97214	97272	97330	97387	97445
12.5	96901	96959	97018	97077	97136	97194	97252	97310	97368	97426
12.6	96882	96940	96999	97058	97117	97175	97233	97291	97349	97407
12.7	96862	96920	96979	97038	97097	97155	97213	97271	97329	97387
12.8	96843	96901	96960	97019	97077	97136	97194	97252	97310	97368
12.9	96823	96881	96940	96999	97057	97116	97174	97232	97290	97348
13.0	96803	96861	96920	96979	97038	97096	97154	97212	97271	97329
13.1	96783	96841	96900	96959	97018	97076	97134	97192	97251	97309
13.2	96764	96822	96881	96940	96998	97057	97115	97173	97231	97289
13.3	96745	96803	96862	96921	96979	97038	97096	97154	97212	97270
13.4	96726	96784	96843	96902	96961	97019	97077	97135	97194	97251
13.5	96707	96765	96824	96883	96942	97000	97058	97116	97175	97232
13.6	96687	96745	96804	96863	96922	96980	97038	97096	97155	97213
13.7	96667	96725	96784	96843	96902	96960	97018	97076	97135	97193
13.8	96647	96705	96764	96823	96882	96940	96998	97056	97115	97173
13.9	96627	96685	96744	96803	96862	96920	96978	97036	97095	97153
14.0	96608	96666	96725	96784	96842	96901	96959	97017	97076	97134
14.1	96589	96647	96706	96765	96823	96882	96940	96998	97057	97115
14.2	96569	96627	96686	96745	96804	96862	96920	96978	97037	97095
14.3	96548	96606	96665	96724	96783	96841	96899	96957	97016	97074
14.4	96528	96586	96645	96704	96763	96821	96879	96937	96996	97054
14.5	96508	96566	96625	96684	96743	96801	96859	96917	96976	97034
14.6	96489	96547	96606	96665	96724	96782	96840	96898	96957	97015
14.7	96469	96528	96587	96646	96704	96763	96821	96879	96938	96996
14.8	96449	96508	96567	96626	96684	96743	96801	96859	96918	96976
14.9	96429	96488	96547	96606	96664	96723	96781	96839	96898	96956
15.0	96409	96468	96527	96586	96644	96703	96761	96819	96878	96936

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
15.1	9.96389	9.96448	9.96507	9.96566	9.96625	9.96683	9.96741	9.96799	9.96858	9.96916
15.2	96369	96428	96487	96546	96605	96663	96721	96779	96838	96896
15.3	96349	96408	96467	96526	96585	96643	96701	96759	96818	96876
15.4	96329	96388	96447	96506	96564	96623	96681	96739	96798	96856
15.5	96308	96366	96425	96484	96543	96601	96659	96718	96777	96835
15.6	96288	96346	96405	96464	96523	96581	96639	96698	96757	96815
15.7	96268	96326	96385	96444	96503	96561	96619	96678	96737	96795
15.8	96248	96306	96365	96424	96483	96541	96599	96658	96717	96775
15.9	96228	96286	96345	96404	96464	96522	96580	96638	96697	96755
16.0	96207	96266	96325	96384	96443	96501	96559	96618	96677	96735
16.1	96187	96246	96305	96364	96423	96481	96539	96598	96657	96715
16.2	96167	96226	96285	96344	96403	96461	96519	96578	96637	96695
16.3	96147	96206	96265	96324	96383	96441	96499	96558	96617	96675
16.4	96127	96186	96245	96304	96363	96421	96479	96538	96597	96655
16.5	96107	96166	96225	96284	96343	96401	96459	96518	96577	96635
16.6	96087	96146	96205	96264	96323	96381	96439	96498	96557	96615
16.7	96067	96126	96185	96244	96303	96361	96419	96478	96537	96595
16.8	96046	96105	96164	96223	96282	96340	96398	96457	96516	96574
16.9	96025	96084	96143	96202	96261	96319	96377	96436	96495	96553
17.0	96005	96064	96123	96182	96240	96299	96357	96416	96474	96532
17.1	95985	96044	96103	96162	96220	96279	96337	96396	96454	96512
17.2	95965	96024	96083	96142	96200	96259	96317	96376	96434	96492
17.3	95944	96003	96062	96121	96180	96238	96296	96355	96413	96472
17.4	95923	95982	96041	96100	96159	96217	96275	96334	96393	96451
17.5	95902	95961	96020	96079	96138	96197	96255	96314	96372	96430
17.6	95882	95941	96000	96059	96118	96177	96235	96294	96352	96410
17.7	95862	95921	95980	96039	96098	96156	96214	96273	96332	96390
17.8	95841	95900	95959	96018	96077	96135	96193	96252	96311	96370
17.9	95820	95879	95938	95997	96056	96114	96172	96231	96290	96349
18.0	95800	95859	95918	95977	96035	96094	96152	96211	96270	96328
18.1	95780	95839	95898	95957	96015	96073	96132	96191	96250	96308
18.2	95759	95818	95877	95936	95994	96052	96111	96170	96229	96287
18.3	95738	95797	95856	95915	95973	96031	96090	96149	96208	96266
18.4	95717	95776	95835	95894	95953	96011	96069	96128	96187	96245
18.5	95696	95755	95814	95873	95932	95990	96048	96107	96166	96225
18.6	95675	95734	95793	95852	95911	95969	96027	96086	96145	96204
18.7	95653	95712	95771	95830	95889	95947	96005	96064	96123	96182
18.8	95632	95691	95750	95809	95868	95926	95985	96044	96103	96161
18.9	95612	95671	95730	95789	95848	95906	95965	96024	96083	96141
19.0	95591	95650	95709	95768	95827	95885	95944	96003	96062	96120
19.1	95571	95630	95689	95748	95807	95865	95923	95982	96041	96100
19.2	95550	95609	95668	95727	95786	95844	95902	95961	96020	96079
19.3	95527	95586	95645	95704	95763	95822	95880	95939	95998	96056
19.4	95506	95565	95624	95683	95742	95801	95859	95918	95977	96035
19.5	95485	95544	95603	95662	95721	95780	95838	95897	95956	96014
19.6	95464	95523	95582	95641	95700	95759	95817	95876	95935	95993
19.7	95443	95502	95561	95620	95679	95738	95796	95855	95914	95972
19.8	95422	95481	95540	95599	95658	95717	95775	95834	95893	95951
19.9	95400	95459	95518	95577	95637	95696	95754	95813	95871	95930
20.0	*95379*	*95438*	*95497*	95556	95616	95674	95733	95792	95851	95909

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
20.1	9.95358	9.95417	9.95476	9.95535	9.95595	9.95653	9.95711	9.95770	9.95829	9.95888
20.2	95337	95396	95455	95514	95573	95632	95690	95749	95808	95867
20.3	95316	95375	95434	95493	95551	95610	95668	95727	95786	95846
20.4	95294	95353	95412	95471	95530	95588	95647	95706	95765	95824
20.5	95273	95332	95391	95450	95509	95567	95626	95685	95744	95803
20.6	95252	95311	95370	95429	95488	95546	95605	95664	95723	95782
20.7	95231	95290	95349	95408	95467	95525	95584	95643	95702	95761
20.8	95208	95267	95326	95385	95445	95503	95562	95621	95680	95739
20.9	95186	95245	95304	95363	95423	95481	95540	95599	95658	95717
21.0	95165	95224	95283	95342	95402	95460	95519	95578	95637	95696
21.1	95144	95203	95262	95321	95380	95439	95498	95557	95616	95675
21.2	95122	95181	95240	95299	95359	95418	95477	95536	95595	95653
21.3	95100	95159	95218	95277	95337	95396	95455	95514	95573	95631
21.4	95078	95137	95196	95255	95315	95374	95433	95492	95551	95609
21.5	95057	95116	95175	95234	95294	95353	95412	95471	95530	95588
21.6	95036	95095	95154	95213	95273	95332	95391	95450	95508	95567
21.7	95014	95073	95132	95191	95251	95310	95369	95428	95486	95545
21.8	94992	95051	95110	95169	95229	95288	95347	95406	95464	95523
21.9	94970	95029	95088	95147	95207	95266	95325	95384	95443	95501
22.0	94948	95007	95066	95125	95185	95244	95303	95362	95421	95479
22.1	94925	94984	95043	95102	95162	95221	95280	95339	95398	95457
22.2	94903	94962	95021	95080	95140	95199	95258	95317	95376	95435
22.3	94882	94941	95000	95059	95119	95178	95237	95296	95355	95414
22.4	94860	94919	94978	95037	95097	95156	95215	95274	95333	95392
22.5	94838	94897	94956	95015	95075	95134	95193	95252	95311	95370
22.6	94816	94875	94934	94993	95053	95112	95171	95230	95289	95348
22.7	94794	94853	94912	94971	95031	95090	95149	95208	95267	95326
22.8	94771	94830	94889	94949	95009	95068	95127	95186	95245	95304
22.9	94747	94806	94865	94925	94985	95044	95103	95162	95221	95280
23.0	94725	94784	94843	94903	94963	95022	95081	95140	95199	95258
23.1	94703	94762	94821	94881	94941	95000	95059	95118	95177	95236
23.2	94681	94740	94799	94859	94919	94978	95037	95096	95155	95214
23.3	94659	94718	94777	94837	94897	94956	95015	95074	95133	95192
23.4	94637	94696	94755	94815	94875	94934	94993	95052	95111	95170
23.5	94615	94674	94733	94793	94852	94912	94971	95030	95088	95147
23.6	94593	94652	94711	94771	94830	94890	94949	95007	95066	95125
23.7	94570	94629	94688	94748	94808	94867	94926	94985	95044	95103
23.8	94547	94606	94665	94725	94785	94844	94903	94962	95021	95080
23.9	94523	94582	94641	94701	94761	94820	94879	94938	94997	95056
24.0	94501	94560	94619	94679	94739	94798	94857	94916	94976	95034
24.1	94479	94538	94597	94657	94717	94776	94835	94894	94954	95012
24.2	94456	94515	94575	94635	94695	94754	94813	94872	94931	94990
24.3	94433	94492	94552	94612	94672	94731	94790	94849	94908	94967
24.4	94410	94469	94529	94589	94649	94708	94767	94826	94885	94944
24.5	94387	94446	94506	94566	94626	94685	94744	94803	94862	94921
24.6	94364	94423	94483	94543	94603	94662	94721	94780	94839	94898
24.7	94341	94400	94460	94520	94580	94639	94698	94757	94817	94876
24.8	94318	94377	94437	94497	94557	94616	94675	94734	94794	94853
24.9	94295	94354	94414	94474	94533	94593	94652	94711	94770	94829
25.0	94272	94331	94391	94451	94511	94570	94629	94688	94748	94807

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
25.1	9.94248	9.94307	9.94367	9.94427	9.94487	9.94546	9.94605	9.94664	9.94724	9.94783
25.2	94225	94284	94344	94404	94464	94523	94582	94641	94701	94760
25.3	94203	94262	94322	94382	94442	94501	94560	94619	94679	94738
25.4	94180	94239	94299	94359	94419	94478	94537	94596	94656	94715
25.5	94157	94216	94276	94336	94396	94455	94514	94573	94633	94692
25.6	94134	94193	94253	94313	94373	94432	94491	94550	94610	94669
25.7	94110	94170	94230	94290	94350	94409	94468	94527	94587	94646
25.8	94086	94146	94206	94266	94326	94385	94444	94503	94563	94622
25.9	94062	94122	94182	94242	94302	94361	94420	94479	94539	94598
26.0	94039	94099	94159	94219	94279	94338	94397	94456	94516	94575
26.1	94015	94075	94135	94195	94255	94314	94373	94432	94492	94551
26.2	93992	94052	94112	94172	94232	94291	94350	94409	94469	94528
26.3	93969	94029	94089	94149	94209	94268	94327	94386	94446	94505
26.4	93945	94005	94065	94125	94185	94244	94303	94363	94423	94482
26.5	93922	93982	94042	94102	94161	94220	94279	94339	94399	94458
26.6	93899	93959	94019	94079	94138	94197	94256	94316	94376	94435
26.7	93875	93935	93995	94055	94115	94174	94233	94292	94352	94412
26.8	93850	93910	93970	94030	94090	94149	94208	94267	94327	94387
26.9	93826	93886	93946	94006	94066	94125	94184	94243	94303	94363
27.0	93803	93863	93923	93983	94043	94102	94161	94220	94280	94340
27.1	93779	93839	93899	93959	94019	94078	94137	94197	94257	94316
27.2	93755	93815	93875	93935	93995	94054	94113	94173	94233	94292
27.3	93731	93791	93851	93911	93971	94030	94089	94149	94209	94268
27.4	93707	93767	93827	93887	93947	94006	94065	94125	94185	94244
27.5	93683	93743	93803	93863	93922	93982	94041	94101	94160	94219
27.6	93659	93719	93779	93839	93899	93958	94017	94077	94136	94196
27.7	93635	93695	93755	93815	93875	93934	93993	94053	94113	94173
27.8	93610	93670	93730	93790	93850	93909	93968	94028	94088	94148
27.9	93585	93645	93705	93765	93825	93885	93944	94004	94063	94123
28.0	93561	93621	93681	93741	93801	93860	93919	93979	94039	94099
28.1	93536	93596	93656	93716	93776	93835	93895	93955	94015	94074
28.2	93513	93573	93633	93693	93753	93812	93872	93932	93992	94051
28.3	93488	93548	93608	93668	93728	93787	93847	93907	93967	94026
28.4	93464	93524	93584	93644	93704	93763	93823	93883	93943	94002
28.5	93439	93499	93559	93619	93679	93738	93798	93858	93918	93977
28.6	93415	93475	93535	93595	93655	93714	93774	93834	93894	93953
28.7	93390	93450	93510	93570	93630	93689	93749	93809	93869	93929
28.8	93365	93425	93485	93545	93605	93664	93724	93784	93844	93904
28.9	93340	93400	93460	93520	93580	93639	93699	93759	93819	93879
29.0	93316	93376	93436	93496	93556	93615	93675	93735	93795	93855
29.1	93291	93351	93411	93471	93531	93591	93651	93711	93771	93830
29.2	93266	93326	93386	93446	93506	93566	93626	93686	93746	93805
29.3	93241	93301	93361	93421	93481	93541	93601	93661	93721	93780
29.4	93215	93275	93335	93395	93455	93515	93575	93635	93695	93754
29.5	93190	93250	93310	93370	93430	93490	93550	93610	93670	93729
29.6	93165	93225	93285	93345	93405	93465	93525	93585	93645	93704
29.7	93140	93200	93260	93320	93380	93440	93500	93560	93620	93679
29.8	93115	93175	93235	93295	93356	93415	93475	93535	93595	93654
29.9	*93089*	*93149*	93209	93270	93330	93389	93449	93509	93569	93629
30.0	*93063*	*93123*	*93183*	93244	93305	93364	93324	93484	93544	93604

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
10.1	9.97944	9.98002	9.98060	9.98117	9.98174	9.98231	9.98288	9.98346	9.98404	9.98461
10.2	97925	97983	98041	98099	98156	98213	98270	98327	98385	98442
10.3	97906	97964	98022	98080	98137	98194	98251	98308	98366	98423
10.4	97887	97945	98003	98061	98118	98175	98232	98289	98347	98404
10.5	97868	97926	97984	98042	98099	98156	98213	98270	98328	98385
10.6	97849	97907	97965	98023	98080	98137	98194	98251	98309	98366
10.7	97830	97888	97946	98004	98061	98119	98176	98233	98290	98347
10.8	97811	97869	97927	97985	98042	98100	98157	98214	98271	98328
10.9	97792	97849	97907	97965	98023	98080	98137	98194	98252	98309
11.0	97772	97830	97888	97946	98003	98060	98117	98174	98232	98289
11.1	97753	97811	97869	97927	97984	98041	98098	98155	98213	98270
11.2	97734	97792	97850	97908	97965	98022	98079	98136	98194	98251
11.3	97715	97773	97831	97889	97946	98003	98060	98117	98175	98232
11.4	97696	97754	97812	97870	97927	97984	98041	98098	98156	98213
11.5	97677	97735	97793	97851	97909	97966	98023	98080	98138	98195
11.6	97658	97716	97774	97832	97890	97947	98004	98061	98119	98176
11.7	97639	97697	97755	97813	97871	97928	97985	98042	98100	98157
11.8	97620	97677	97735	97793	97851	97908	97965	98023	98081	98138
11.9	97600	97657	97715	97773	97831	97888	97945	98003	98061	98118
12.0	97580	97638	97696	97754	97812	97869	97926	97983	98041	98098
12.1	97561	97619	97677	97735	97793	97850	97907	97964	98022	98079
12.2	97542	97600	97658	97716	97774	97831	97888	97945	98003	98060
12.3	97522	97580	97638	97696	97754	97811	97868	97926	97984	98041
12.4	97502	97560	97618	97676	97734	97791	97848	97906	97964	98021
12.5	97483	97541	97599	97657	97715	97772	97829	97887	97945	98002
12.6	97464	97522	97580	97638	97696	97753	97810	97868	97926	97983
12.7	97444	97502	97560	97618	97676	97733	97790	97848	97906	97963
12.8	97425	97483	97541	97599	97657	97714	97771	97829	97887	97944
12.9	97405	97463	97521	97579	97637	97694	97751	97809	97867	97924
13.0	97386	97444	97502	97560	97618	97675	97732	97790	97848	97905
13.1	97366	97424	97482	97540	97598	97655	97712	97770	97828	97886
13.2	97347	97405	97463	97521	97578	97636	97693	97751	97808	97866
13.3	97328	97386	97444	97502	97560	97617	97674	97732	97790	97847
13.4	97309	97367	97425	97483	97541	97598	97655	97713	97771	97828
13.5	97290	97348	97406	97464	97522	97579	97636	97694	97752	97809
13.6	97271	97329	97387	97445	97503	97560	97617	97675	97733	97790
13.7	97251	97309	97367	97425	97483	97540	97597	97655	97713	97770
13.8	97231	97289	97347	97405	97463	97520	97577	97635	97693	97750
13.9	97211	97269	97327	97385	97443	97500	97557	97615	97673	97730
14.0	97191	97249	97307	97365	97423	97480	97537	97595	97653	97710
14.1	97172	97230	97288	97346	97404	97461	97518	97576	97634	97691
14.2	97153	97211	97269	97327	97385	97442	97499	97557	97615	97672
14.3	97132	97190	97248	97306	97364	97421	97478	97536	97594	97651
14.4	97112	97170	97228	97286	97344	97401	97458	97516	97574	97631
14.5	97092	97150	97208	97266	97324	97381	97438	97496	97554	97611
14.6	97073	97131	97189	97247	97305	97362	97419	97477	97535	97592
14.7	97054	97112	97170	97228	97286	97343	97400	97458	97516	97573
14.8	97034	97092	97150	97208	97266	97323	97380	97438	97496	97553
14.9	97014	97072	97130	97188	97246	97303	97360	97418	97476	97533
15.0	96994	97052	97110	97168	97226	97283	97340	97398	97456	97513

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
15.1	9.96974	9.97032	9.97090	9.97148	9.97206	9.97263	9.97320	9.97378	9.97436	9.97493
15.2	96954	97012	97070	97128	97186	97243	97300	97358	97416	97473
15.3	96934	96992	97050	97108	97166	97223	97280	97338	97396	97453
15.4	96914	96972	97030	97088	97145	97203	97260	97318	97376	97433
15.5	96893	96951	97009	97067	97125	97182	97239	97297	97355	97413
15.6	96873	96931	96989	97047	97105	97162	97219	97277	97335	97393
15.7	96853	96911	96969	97027	97085	97142	97199	97257	97315	97373
15.8	96833	96891	96949	97007	97065	97122	97180	97238	97296	97353
15.9	96813	96871	96929	96987	97045	97103	97161	97219	97276	97333
16.0	96793	96851	96909	96967	97025	97083	97141	97198	97255	97313
16.1	96773	96831	96889	96947	97005	97062	97120	97177	97235	97293
16.2	96753	96811	96869	96927	96985	97042	97100	97158	97216	97273
16.3	96733	96791	96849	96907	96965	97022	97080	97138	97196	97253
16.4	96713	96771	96829	96887	96945	97002	97060	97118	97176	97233
16.5	96693	96751	96809	96867	96925	96982	97040	97098	97156	97213
16.6	96673	96731	96789	96847	96905	96962	97020	97078	97136	97193
16.7	96653	96711	96769	96827	96885	96942	97000	97058	97116	97173
16.8	96632	96690	96748	96806	96864	96921	96979	97037	97095	97152
16.9	96611	96669	96727	96785	96843	96900	96958	97016	97074	97132
17.0	96590	96648	96706	96764	96823	96880	96937	96995	97053	97111
17.1	96570	96628	96686	96744	96803	96860	96917	96975	97033	97091
17.2	96550	96608	96666	96724	96783	96840	96897	96955	97013	97071
17.3	96530	96588	96646	96704	96762	96819	96877	96935	96993	97051
17.4	96509	96567	96625	96683	96741	96798	96856	96914	96972	97030
17.5	96488	96546	96604	96662	96721	96778	96836	96894	96952	97009
17.6	96468	96526	96584	96642	96701	96758	96816	96874	96932	96989
17.7	96448	96506	96564	96622	96681	96738	96796	96854	96912	96969
17.8	96428	96486	96544	96602	96660	96718	96776	96834	96891	96949
17.9	96407	96465	96523	96581	96639	96697	96755	96813	96870	96928
18.0	96386	96444	96502	96560	96618	96676	96734	96792	96850	96907
18.1	96366	96424	96482	96540	96598	96656	96714	96772	96830	96887
18.2	96345	96403	96461	96519	96578	96636	96694	96752	96809	96867
18.3	96324	96382	96440	96498	96557	96615	96673	96731	96788	96846
18.4	96303	96361	96419	96477	96536	96594	96652	96710	96767	96825
18.5	96283	96341	96399	96457	96515	96573	96631	96689	96747	96804
18.6	96262	96320	96378	96436	96495	96553	96611	96669	96726	96783
18.7	96240	96298	96356	96414	96473	96531	96589	96647	96704	96761
18.8	96219	96277	96335	96393	96452	96510	96568	96626	96683	96741
18.9	96199	96257	96315	96373	96432	96490	96548	96606	96664	96721
19.0	96178	96236	96294	96352	96411	96469	96527	96585	96643	96700
19.1	96158	96216	96274	96332	96391	96448	96506	96564	96622	96680
19.2	96137	96195	96253	96311	96370	96427	96485	96543	96601	96659
19.3	96114	96172	96230	96288	96347	96405	96463	96521	96579	96636
19.4	96093	96151	96209	96267	96326	96384	96442	96500	96558	96615
19.5	96072	96130	96188	96246	96305	96363	96421	96479	96537	96594
19.6	96051	96109	96167	96225	96284	96342	96400	96458	96516	96573
19.7	96030	96088	96146	96204	96263	96321	96379	96437	96495	96552
19.8	96009	96067	96125	96183	96242	96300	96358	96416	96474	96531
19.9	*95988*	96046	96104	96162	96221	96279	96337	96395	96453	96511
20.0	*95967*	*96025*	*96083*	96142	96201	96258	96316	96374	96432	96490

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	
20.1	9.95946	9.96004	9.96062	9.96121	9.96180	9.96237	9.96295	9.96353	9.96411	9.9
20.2	95925	95983	96041	96100	96159	96216	96274	96332	96390	9
20.3	95904	95962	96020	96078	96137	96195	96253	96311	96369	9
20.4	95882	95940	95998	96056	96115	96173	96231	96289	96347	9
20.5	95861	95919	95977	96036	96095	96152	96210	96268	96326	9
20.6	95840	95898	95956	96015	96074	96132	96190	96248	96306	9
20.7	95819	95877	95935	95994	96053	96111	96169	96227	96285	9
20.8	95797	95855	95913	95972	96030	96089	96147	96205	96263	9
20.9	95776	95834	95892	95951	96008	96067	96125	96183	96241	9
21.0	95754	95812	95870	95929	95987	96046	96104	96162	96220	9
21.1	95733	95791	95849	95907	95966	96025	96083	96141	96199	9
21.2	95711	95769	95827	95886	95945	96004	96062	96120	96178	9
21.3	95689	95747	95805	95864	95923	95982	96040	96098	96156	9
21.4	95667	95725	95784	95842	95901	95960	96018	96076	96134	9
21.5	95646	95704	95763	95822	95881	95939	95997	96055	96113	9
21.6	95625	95683	95742	95801	95859	95917	95975	96033	96091	9
21.7	95603	95661	95720	95779	95837	95895	95953	96011	96069	9
21.8	95581	95639	95698	95757	95815	95873	95931	95989	96048	9
21.9	95559	95617	95676	95735	95794	95852	95910	95968	96026	9
22.0	95537	95595	95654	95713	95772	95830	95888	95946	96004	9
22.1	95515	95573	95631	95690	95749	95807	95865	95923	95981	9
22.2	95493	95551	95610	95669	95727	95785	95843	95901	95960	9
22.3	95472	95530	95588	95647	95706	95764	95822	95880	95939	9
22.4	95450	95508	95566	95625	95684	95742	95800	95858	95917	9
22.5	95428	95486	95544	95603	95662	95720	95778	95836	95895	9
22.6	95406	95464	95522	95581	95640	95698	95756	95814	95873	9
22.7	95384	95442	95500	95559	95618	95676	95734	95792	95851	9
22.8	95362	95420	95478	95537	95596	95654	95712	95770	95829	9
22.9	95339	95397	95456	95515	95574	95632	95690	95748	95806	9
23.0	95317	95375	95434	95493	95552	95610	95668	95726	95785	9
23.1	95295	95353	95412	95471	95530	95588	95646	95704	95763	9
23.2	95273	95331	95390	95449	95508	95566	95624	95682	95741	9
23.3	95250	95308	95367	95426	95485	95543	95601	95659	95718	9
23.4	95228	95286	95345	95404	95463	95521	95579	95637	95696	9
23.5	95205	95263	95322	95381	95440	95499	95557	95615	95673	9
23.6	95183	95241	95300	95359	95418	95477	95535	95593	95651	9
23.7	95161	95219	95278	95337	95396	95455	95513	95571	95629	9
23.8	95138	95197	95256	95315	95374	95432	95490	95548	95607	9
23.9	95115	95174	95233	95292	95351	95409	95467	95525	95584	9
24.0	95093	95152	95211	95270	95329	95387	95445	95503	95562	9
24.1	95070	95129	95188	95247	95306	95364	95422	95480	95539	9
24.2	95048	95107	95166	95225	95284	95342	95400	95458	95517	9
24.3	95025	95084	95143	95202	95261	95319	95377	95435	95494	9
24.4	95002	95061	95120	95179	95238	95296	95354	95412	95471	9
24.5	94979	95038	95097	95156	95215	95273	95331	95389	95448	9
24.6	94957	95016	95075	95134	95193	95251	95309	95367	95426	9
24.7	94935	94993	95052	95111	95170	95229	95287	95345	95403	9
24.8	94912	94970	95029	95088	95147	95206	95264	95322	95381	9
24.9	94888	94947	95006	95065	95124	95183	95241	95299	95357	9
25.0	94866	94925	94984	95043	95102	95160	95218	95276	95335	9

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
25.1	9.94842	9.94901	9.94960	9.95019	9.95078	9.95136	9.95194	9.95253	9.95312	9.95370
25.2	94819	94878	94937	94996	95055	95113	95171	95230	95289	95347
25.3	94796	94855	94914	94973	95032	95090	95148	95207	95266	95324
25.4	94773	94832	94891	94950	95009	95067	95125	95184	95243	95301
25.5	94750	94809	94868	94927	94986	95044	95102	95161	95220	95278
25.6	94727	94786	94845	94904	94963	95021	95079	95138	95197	95255
25.7	94704	94763	94822	94881	94940	94998	95056	95115	95174	95232
25.8	94681	94740	94799	94858	94917	94975	95033	95092	95151	95209
25.9	94657	94716	94775	94834	94893	94951	95009	95068	95127	95185
26.0	94634	94693	94752	94811	94870	94928	94986	95045	95104	95162
26.1	94611	94670	94729	94788	94847	94905	94963	95022	95081	95139
26.2	94588	94647	94706	94765	94824	94882	94940	94999	95058	95116
26.3	94564	94623	94682	94741	94800	94858	94916	94975	95034	95092
26.4	94541	94600	94659	94718	94777	94835	94893	94952	95011	95069
26.5	94517	94576	94635	94694	94753	94812	94870	94929	94987	95045
26.6	94494	94553	94612	94671	94730	94789	94847	94906	94964	95022
26.7	94471	94530	94589	94648	94707	94766	94824	94883	94941	94999
26.8	94447	94506	94565	94624	94683	94742	94801	94859	94917	94976
26.9	94423	94482	94541	94600	94659	94718	94777	94835	94893	94952
27.0	94400	94459	94518	94577	94636	94694	94753	94811	94870	94929
27.1	94375	94434	94493	94552	94611	94669	94728	94787	94846	94904
27.2	94351	94410	94469	94528	94587	94645	94704	94763	94822	94880
27.3	94327	94386	94445	94504	94563	94621	94680	94739	94798	94856
27.4	94303	94362	94421	94480	94539	94597	94656	94715	94774	94833
27.5	94278	94337	94396	94455	94515	94573	94631	94690	94749	94808
27.6	94255	94314	94373	94432	94492	94550	94608	94667	94726	94785
27.7	94232	94291	94350	94409	94468	94526	94585	94644	94702	94762
27.8	94208	94267	94326	94385	94444	94502	94561	94620	94679	94738
27.9	94183	94242	94301	94360	94419	94478	94537	94596	94654	94713
28.0	94158	94217	94276	94335	94395	94453	94512	94571	94630	94688
28.1	94133	94192	94251	94310	94370	94429	94487	94546	94605	94663
28.2	94110	94169	94228	94287	94347	94406	94464	94523	94582	94640
28.3	94085	94144	94203	94262	94322	94381	94439	94498	94557	94616
28.4	94061	94120	94179	94238	94298	94357	94415	94474	94533	94592
28.5	94037	94096	94155	94214	94274	94333	94392	94450	94509	94568
28.6	94013	94072	94131	94190	94250	94309	94368	94426	94485	94544
28.7	93989	94048	94107	94166	94226	94285	94344	94402	94461	94520
28.8	93963	94022	94081	94140	94200	94259	94318	94377	94436	94494
28.9	93938	93997	94056	94115	94175	94234	94293	94352	94411	94469
29.0	93914	93973	94032	94091	94151	94210	94269	94328	94387	94445
29.1	93889	93948	94007	94067	94127	94186	94245	94304	94363	94421
29.2	93864	93923	93982	94042	94102	94161	94220	94279	94338	94396
29.3	93839	93898	93957	94017	94077	94136	94195	94254	94313	94371
29.4	93814	93873	93932	93992	94052	94111	94170	94229	94288	94346
29.5	93789	93848	93907	93967	94027	94086	94145	94204	94263	94322
29.6	93763	93822	93881	93941	94001	94060	94119	94178	94238	94296
29.7	93738	93797	93856	93916	93976	94035	94094	94153	94213	94271
29.8	93713	93772	93831	93891	93951	94010	94069	94128	94188	94246
29.9	*93688*	*93747*	93806	93866	93926	93985	94044	94103	94162	94221
30.0	*93663*	*93722*	*93781*	93841	93901	93960	94019	94078	94137	94196

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
10.1	9.98518	9.98575	9.98632	9.98689	9.98745	9.98802	9.98859	9.98915	9.98971	9.99028
10.2	98499	98556	98613	98670	98727	98783	98839	98896	98953	99009
10.3	98480	98537	98594	98651	98708	98764	98820	98877	98934	98990
10.4	98461	98518	98575	98632	98689	98745	98801	98858	98915	98971
10.5	98442	98499	98556	98613	98670	98726	98782	98839	98896	98953
10.6	98423	98480	98537	98594	98651	98707	98763	98820	98877	98934
10.7	98404	98461	98518	98575	98632	98688	98744	98801	98858	98915
10.8	98385	98442	98499	98556	98613	98669	98725	98782	98839	98896
10.9	98366	98423	98480	98537	98594	98650	98706	98763	98820	98877
11.0	98346	98403	98460	98517	98574	98631	98688	98745	98801	98857
11.1	98327	98384	98441	98498	98555	98612	98669	98726	98782	98838
11.2	98308	98365	98422	98479	98536	98593	98650	98707	98763	98819
11.3	98289	98346	98403	98460	98517	98574	98631	98688	98744	98800
11.4	98270	98327	98384	98441	98498	98555	98612	98669	98725	98781
11.5	98252	98309	98366	98423	98480	98537	98594	98651	98707	98763
11.6	98233	98290	98347	98404	98461	98518	98575	98632	98688	98744
11.7	98214	98271	98328	98385	98442	98499	98556	98613	98669	98725
11.8	98195	98252	98309	98366	98423	98480	98537	98594	98650	98706
11.9	98175	98232	98289	98346	98403	98460	98517	98574	98630	98686
12.0	98155	98212	98269	98326	98383	98440	98497	98554	98610	98667
12.1	98136	98193	98250	98307	98364	98421	98478	98535	98591	98647
12.2	98117	98174	98231	98288	98345	98402	98459	98516	98572	98628
12.3	98098	98155	98212	98269	98326	98383	98440	98497	98553	98609
12.4	98078	98135	98192	98249	98306	98363	98420	98477	98533	98590
12.5	98059	98116	98173	98230	98287	98344	98401	98458	98514	98571
12.6	98040	98097	98154	98211	98268	98325	98382	98439	98495	98551
12.7	98020	98077	98134	98191	98248	98305	98362	98419	98475	98531
12.8	98001	98058	98115	98172	98229	98286	98343	98400	98456	98512
12.9	97981	98038	98095	98152	98209	98266	98323	98380	98436	98493
13.0	97962	98019	98076	98133	98190	98247	98304	98361	98417	98474
13.1	97943	98000	98057	98114	98171	98228	98285	98342	98398	98454
13.2	97923	97980	98037	98094	98151	98208	98265	98322	98378	98434
13.3	97904	97961	98018	98075	98132	98189	98246	98303	98359	98415
13.4	97885	97942	97999	98056	98113	98170	98227	98284	98340	98396
13.5	97866	97923	97980	98037	98094	98151	98208	98265	98321	98377
13.6	97847	97904	97961	98018	98075	98132	98189	98246	98302	98357
13.7	97827	97884	97941	97998	98055	98112	98169	98226	98283	98338
13.8	97807	97864	97921	97978	98035	98092	98149	98206	98263	98319
13.9	97787	97844	97901	97958	98015	98072	98129	98186	98243	98299
14.0	97767	97824	97881	97938	97996	98053	98110	98167	98223	98279
14.1	97748	97805	97862	97919	97987	98034	98091	98148	98204	98259
14.2	97729	97786	97843	97900	97958	98015	98072	98129	98185	98240
14.3	97708	97765	97822	97879	97937	97994	98051	98108	98164	98220
14.4	97688	97745	97802	97859	97917	97974	98031	98088	98144	98200
14.5	97668	97725	97782	97839	97897	97954	98011	98068	98124	98181
14.6	97649	97706	97763	97820	97878	97935	97992	98049	98105	98161
14.7	97630	97687	97744	97801	97859	97916	97973	98030	98086	98142
14.8	97610	97667	97724	97781	97839	97896	97953	98010	98066	98123
14.9	97590	97647	97704	97761	97819	97876	97933	97990	98046	98103
15.0	97570	97627	97684	97741	97799	97856	97913	97970	98026	98083

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
15.1	9.97550	9.97607	9.97664	9.97721	9.97779	9.97836	9.97893	9.97950	9.98007	9.98063
15.2	97530	97587	97644	97701	97759	97816	97873	97930	97987	98043
15.3	97510	97567	97624	97681	97739	97796	97853	97910	97967	98023
15.4	97490	97547	97604	97661	97719	97776	97833	97890	97947	98003
15.5	97470	97527	97584	97641	97698	97755	97812	97869	97926	97983
15.6	97450	97507	97564	97621	97678	97735	97792	97849	97906	97963
15.7	97430	97487	97544	97601	97658	97715	97772	97829	97886	97943
15.8	97410	97467	97524	97581	97639	97696	97753	97810	97867	97923
15.9	97390	97447	97504	97561	97619	97676	97733	97790	97847	97904
16.0	97370	97427	97484	97541	97599	97656	97713	97770	97826	97883
16.1	97350	97407	97464	97521	97579	97636	97693	97750	97806	97863
16.2	97330	97387	97444	97501	97559	97616	97673	97730	97787	97844
16.3	97310	97367	97424	97482	97540	97597	97654	97711	97767	97824
16.4	97290	97347	97404	97462	97520	97577	97634	97691	97747	97804
16.5	97270	97327	97384	97442	97500	97557	97614	97671	97727	97784
16.6	97250	97307	97364	97422	97480	97537	97594	97651	97707	97764
16.7	97230	97287	97344	97402	97460	97517	97574	97631	97687	97744
16.8	97209	97266	97323	97381	97439	97496	97553	97610	97666	97723
16.9	97189	97246	97303	97360	97418	97475	97532	97589	97646	97703
17.0	97168	97225	97282	97339	97397	97454	97511	97568	97625	97682
17.1	97148	97205	97262	97319	97377	97434	97491	97548	97605	97662
17.2	97128	97185	97242	97299	97357	97414	97471	97528	97585	97642
17.3	97108	97165	97222	97279	97337	97394	97451	97508	97565	97622
17.4	97087	97144	97201	97258	97316	97373	97430	97487	97544	97601
17.5	97066	97123	97180	97238	97296	97353	97410	97467	97524	97580
17.6	97046	97103	97160	97218	97276	97333	97390	97447	97504	97560
17.7	97026	97083	97140	97198	97256	97313	97370	97427	97484	97540
17.8	97006	97063	97120	97178	97236	97293	97350	97407	97464	97520
17.9	96985	97042	97099	97157	97215	97272	97329	97386	97443	97500
18.0	96964	97021	97078	97136	97194	97251	97308	97365	97422	97479
18.1	96944	97001	97058	97116	97174	97231	97288	97345	97402	97458
18.2	96924	96981	97038	97096	97154	97211	97268	97325	97382	97438
18.3	96903	96960	97017	97075	97133	97190	97247	97304	97361	97417
18.4	96882	96939	96996	97054	97112	97169	97226	97283	97340	97397
18.5	96861	96918	96975	97033	97091	97148	97205	97262	97319	97376
18.6	96840	96897	96954	97012	97070	97127	97184	97241	97298	97355
18.7	96818	96875	96932	96990	97048	97105	97162	97219	97276	97334
18.8	96798	96855	96912	96970	97028	97085	97142	97199	97256	97313
18.9	96778	96835	96892	96950	97008	97065	97122	97179	97237	97294
19.0	96757	96814	96872	96930	96988	97045	97102	97159	97216	97273
19.1	96737	96794	96851	96909	96967	97024	97081	97138	97195	97252
19.2	96716	96773	96830	96888	96946	97003	97060	97117	97175	97232
19.3	96693	96750	96808	96866	96924	96981	97038	97095	97152	97209
19.4	96672	96729	96787	96845	96903	96960	97017	97074	97132	97188
19.5	96651	96708	96766	96824	96882	96939	96996	97053	97111	97167
19.6	96630	96687	96745	96803	96861	96918	96975	97032	97090	97146
19.7	96609	96666	96724	96782	96840	96897	96954	97011	97069	97125
19.8	96588	96645	96703	96761	96819	96876	96933	96990	97048	97105
19.9	*96568*	96625	96682	96740	96798	96855	96912	96969	97027	97084
20.0	*96547*	*96604*	*96662*	96720	96778	96835	96892	96949	97006	97063

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. ° C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
20.1	9.96526	9.96583	9.96641	9.96699	9.96757	9.96814	9.96871	9.96928	9.96985	9.97042
20.2	96505	96562	96620	96678	96736	96793	96850	96907	96964	97021
20.3	96484	96541	96599	96657	96715	96772	96829	96886	96943	97000
20.4	96462	96519	96577	96635	96693	96750	96807	96864	96922	96979
20.5	96441	96498	96556	96614	96672	96729	96786	96843	96901	96958
20.6	96420	96477	96535	96593	96651	96708	96765	96822	96880	96937
20.7	96399	96456	96514	96572	96630	96687	96744	96801	96859	96916
20.8	96377	96434	96492	96550	96608	96665	96722	96779	96837	96894
20.9	96355	96412	96470	96528	96586	96643	96700	96757	96815	96872
21.0	96335	96392	96450	96508	96565	96623	96680	96737	96794	96851
21.1	96314	96371	96429	96487	96544	96602	96659	96716	96773	96830
21.2	96293	96350	96408	96466	96523	96581	96638	96695	96752	96809
21.3	96271	96329	96387	96445	96502	96559	96616	96673	96731	96788
21.4	96249	96307	96365	96423	96480	96537	96594	96651	96709	96766
21.5	96228	96286	96344	96402	96459	96516	96573	96630	96688	96745
21.6	96206	96264	96322	96380	96437	96494	96551	96608	96666	96723
21.7	96184	96242	96300	96358	96415	96472	96529	96586	96644	96701
21.8	96163	96220	96278	96336	96394	96451	96508	96565	96623	96680
21.9	96141	96198	96256	96314	96372	96429	96486	96544	96602	96659
22.0	96119	96177	96235	96293	96351	96408	96465	96522	96580	96637
22.1	96097	96155	96213	96271	96328	96385	96442	96499	96557	96614
22.2	96076	96133	96191	96249	96306	96363	96420	96478	96536	96593
22.3	96055	96112	96170	96228	96285	96342	96399	96457	96515	96572
22.4	96033	96090	96148	96206	96263	96320	96377	96435	96493	96550
22.5	96011	96068	96126	96184	96241	96298	96355	96413	96471	96528
22.6	95989	96046	96104	96162	96219	96276	96333	96391	96449	96506
22.7	95967	96024	96082	96140	96197	96254	96311	96369	96427	96484
22.8	95945	96002	96060	96118	96175	96232	96289	96347	96405	96462
22.9	95922	95980	96038	96096	96153	96210	96267	96325	96383	96440
23.0	95901	95959	96017	96075	96132	96189	96246	96303	96361	96419
23.1	95879	95937	95995	96053	96110	96167	96224	96281	96339	96397
23.2	95857	95915	95973	96031	96088	96145	96202	96259	96317	96375
23.3	95834	95892	95950	96008	96065	96122	96179	96237	96295	96352
23.4	95812	95870	95928	95986	96043	96100	96157	96215	96273	96330
23.5	95789	95847	95905	95963	96020	96077	96134	96192	96250	96307
23.6	95766	95824	95882	95940	95997	96054	96112	96170	96227	96285
23.7	95744	95802	95860	95918	95975	96032	96090	96148	96205	96263
23.8	95722	95779	95837	95895	95953	96010	96067	96125	96183	96241
23.9	95699	95757	95815	95873	95931	95988	96045	96103	96161	96219
24.0	95678	95736	95794	95852	95910	95967	96024	96082	96140	96197
24.1	95655	95713	95771	95829	95887	95944	96001	96059	96117	96174
24.2	95633	95691	95749	95807	95865	95922	95979	96037	96095	96152
24.3	95610	95668	95726	95784	95842	95899	95956	96014	96072	96129
24.4	95587	95645	95703	95761	95819	95876	95933	95991	96049	96106
24.5	95565	95623	95681	95739	95796	95853	95911	95969	96027	96084
25.6	95542	95600	95658	95716	95774	95831	95889	95947	96005	96062
24.7	95519	95577	95635	95693	95751	95809	95866	95924	95982	96040
24.8	95497	95555	95613	95671	95729	95786	95843	95901	95959	96017
24.9	95473	95531	95589	95647	95705	95763	95821	95879	95936	95993
25.0	95452	95510	95568	95626	95684	95741	95799	95857	95914	95972

TABLE 7.—Logarithms for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
25.1	9.95428	9.95486	9.95544	9.95602	9.95660	9.95718	9.95776	9.95834	9.95891	9.95948
25.2	95405	95463	95521	95579	95637	95695	95753	95811	95868	95925
25.3	95382	95440	95498	95556	95614	95672	95730	95788	95845	95903
25.4	95359	95417	95475	95533	95591	95649	95707	95765	95822	95880
25.5	95336	95394	95452	95510	95568	95626	95684	95742	95799	95857
25.6	95313	95371	95429	95487	95545	95603	95661	95719	95776	95834
25.7	95290	95348	95406	95464	95522	95580	95638	95696	95753	95811
25.8	95267	95325	95383	95441	95499	95557	95615	95673	95730	95788
25.9	95243	95301	95359	95417	95476	95534	95592	95650	95707	95764
26.0	95220	95278	95336	95394	95453	95511	95569	95627	95684	95741
26.1	95197	95255	95313	95371	95430	95488	95546	95604	95661	95718
26.2	95174	95232	95290	95348	95407	95465	95523	95581	95638	95695
26.3	95150	95208	95266	95324	95383	95441	95499	95557	95614	95672
26.4	95127	95185	95243	95301	95360	95418	95476	95534	95591	95649
26.5	95103	95161	95219	95277	95336	95394	95452	95510	95567	95625
26.6	95080	95138	95196	95254	95313	95371	95429	95487	95544	95602
26.7	95057	95115	95173	95231	95290	95348	95406	95464	95521	95579
26.8	95034	95092	95150	95208	95267	95325	95383	95441	95498	95556
26.9	95010	95068	95126	95184	95243	95301	95359	95417	95474	95532
27.0	94987	95045	95103	95161	95220	95278	95336	95394	95451	95509
27.1	94962	95020	95078	95136	95195	95253	95311	95369	95426	95484
27.2	94938	94996	95054	95112	95171	95229	95287	95345	95402	95460
27.3	94914	94972	95030	95088	95147	95205	95263	95321	95379	95436
27.4	94891	94949	95007	95065	95124	95182	95240	95298	95356	95413
27.5	94866	94924	94982	95040	95099	95157	95215	95273	95331	95389
27.6	94843	94901	94959	95017	95076	95134	95192	95250	95308	95366
27.7	94820	94878	94936	94994	95053	95111	95169	95227	95285	95343
27.8	94796	94854	94912	94970	95029	95087	95145	95203	95261	95319
27.9	94771	94829	94887	94946	95005	95063	95121	95179	95236	95294
28.0	94746	94804	94862	94921	94980	95038	95096	95154	95212	95269
28.1	94721	94779	94837	94896	94955	95013	95071	95129	95187	95245
28.2	94698	94756	94814	94873	94932	94990	95048	95106	95164	95222
28.3	94674	94732	94790	94849	94908	94966	95024	95082	95140	95198
28.4	94650	94708	94766	94825	94884	94942	95000	95058	95116	95174
28.5	94626	94684	94742	94801	94860	94918	94976	95034	95092	95150
28.6	94602	94660	94718	94777	94836	94894	94952	95010	95068	95126
28.7	94578	94636	94694	94753	94812	94870	94928	94986	95044	95101
28.8	94552	94610	94669	94728	94787	94845	94903	94961	95019	95076
28.9	94527	94585	94644	94703	94762	94820	94878	94936	94994	95052
29.0	94503	94561	94620	94679	94738	94796	94854	94912	94970	95028
29.1	94479	94537	94596	94655	94714	94772	94830	94888	94946	95003
29.2	94454	94512	94571	94630	94689	94747	94805	94863	94922	94979
29.3	94429	94487	94546	94605	94664	94722	94780	94838	94897	94954
29.4	94404	94462	94521	94580	94639	94697	94755	94813	94872	94930
29.5	94380	94438	94496	94555	94614	94672	94730	94788	94847	94905
29.6	94354	94412	94470	94529	94588	94646	94704	94763	94822	94879
29.7	94329	94387	94445	94504	94563	94621	94679	94738	94797	94854
29.8	94304	94362	94421	94480	94539	94597	94655	94713	94782	94830
29.9	94279	94337	94396	94455	94514	94572	94630	94688	94747	94805
30.0	*94254*	*94312*	*94371*	94430	94489	94547	94605	94663	94722	94780

TABLE 8.

Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure $\left(\frac{1}{1+0.00367\,t}\times\frac{p-e}{760}\right)$; t = temperature; p = barometric pressure corrected for scale correction, and e = pressure of aqueous vapor at t.

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
10.1	0.928	0.930	0.931	0.932	0.933	0.935	0.936	0.937	0.939	0.940
10.2	.928	.929	.931	.932	.933	.934	.936	.937	.938	.939
10.3	.928	.929	.930	.931	.933	.934	.935	.936	.938	.939
10.4	.927	.928	.930	.931	.932	.934	.935	.936	.937	.939
10.5	.927	.928	.929	.931	.932	.933	.934	.936	.937	.938
10.6	.926	.928	.929	.930	.931	.933	.934	.935	.936	.938
10.7	.926	.927	.928	.930	.931	.932	.934	.935	.936	.937
10.8	.926	.927	.928	.929	.931	.932	.933	.934	.936	.937
10.9	.925	.926	.928	.929	.930	.931	.933	.934	.935	.937
11.0	.925	.926	.927	.928	.930	.931	.932	.934	.935	.936
11.1	.924	.926	.927	.928	.929	.931	.932	.933	.934	.936
11.2	.924	.925	.926	.928	.929	.930	.931	.933	.934	.935
11.3	.923	.925	.926	.927	.929	.930	.931	.932	.934	.935
11.4	.923	.924	.926	.927	.928	.929	.931	.932	.933	.934
11.5	.923	.924	.925	.926	.928	.929	.930	.932	.933	.934
11.6	.922	.924	.925	.926	.927	.929	.930	.931	.932	.934
11.7	.922	.923	.924	.926	.927	.928	.929	.931	.932	.933
11.8	.921	.923	.924	.925	.927	.928	.929	.930	.932	.933
11.9	.921	.922	.924	.925	.926	.927	.929	.930	.931	.932
12.0	.921	.922	.923	.924	.926	.927	.928	.929	.931	.932
12.1	.920	.921	.923	.924	.925	.926	.928	.929	.930	.932
12.2	.920	.921	.922	.924	.925	.926	.927	.929	.930	.931
12.3	.919	.921	.922	.923	.924	.926	.927	.928	.929	.931
12.4	.919	.920	.921	.923	.924	.925	.927	.928	.929	.930
12.5	.919	.920	.921	.922	.924	.925	.926	.927	.929	.930
12.6	.918	.919	.921	.922	.923	.924	.926	.927	.928	.929
12.7	.918	.919	.920	.921	.923	.924	.925	.927	.928	.929
12.8	.917	.919	.920	.921	.922	.924	.925	.926	.927	.929
12.9	.917	.918	.919	.921	.922	.923	.924	.926	.927	.928
13.0	.916	.918	.919	.920	.922	.923	.924	.925	.927	.928
13.1	.916	.917	.919	.920	.921	.922	.924	.925	.926	.927
13.2	.916	.917	.918	.919	.921	.922	.923	.924	.926	.927
13.3	.915	.917	.918	.919	.920	.922	.923	.924	.925	.927
13.4	.915	.916	.917	.919	.920	.921	.922	.924	.925	.926
13.5	.914	.916	.917	.918	.919	.921	.922	.923	.924	.926
13.6	.914	.915	.916	.918	.919	.920	.922	.923	.924	.925
13.7	.914	.915	.916	.917	.919	.920	.921	.922	.924	.925
13.8	.913	.914	.916	.917	.918	.919	.921	.922	.923	.924
13.9	.913	.914	.915	.917	.918	.919	.920	.922	.923	.924
14.0	.912	.914	.915	.916	.917	.919	.920	.921	.922	.924
14.1	.912	.913	.914	.916	.917	.918	.919	.921	.922	.923
14.2	.912	.913	.914	.915	.917	.918	.919	.920	.922	.923
14.3	.911	.912	.914	.915	.916	.917	.919	.920	.921	.922
14.4	.911	.912	.913	.914	.916	.917	.918	.919	.921	.922
14.5	.910	.911	.913	.914	.915	.917	.918	.919	.920	.922
14.6	.910	.911	.912	.914	.915	.916	.917	.919	.920	.921
14.7	.909	.911	.912	.913	.914	.916	.917	.918	.919	.921
14.8	.909	.910	.911	.913	.914	.915	.917	.918	.919	.920
14.9	.909	.910	.911	.912	.914	.915	.916	.917	.919	.920
15.0	.908	.909	.911	.912	.913	.914	.916	.917	.918	.919

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
15.1	0.908	0.909	0.910	0.911	0.913	0.914	0.915	0.916	0.918	0.919
15.2	.907	.909	.910	.911	.912	.914	.915	.916	.917	.919
15.3	.907	.908	.909	.911	.912	.913	.914	.916	.917	.918
15.4	.906	.908	.909	.910	.911	.913	.914	.915	.916	.918
15.5	.906	.907	.909	.910	.911	.912	.914	.915	.916	.917
15.6	.906	.907	.908	.909	.911	.912	.913	.914	.916	.917
15.7	.905	.906	.908	.909	.910	.911	.913	.914	.915	.916
15.8	.905	.906	.907	.909	.910	.911	.912	.914	.915	.916
15.9	.904	.906	.907	.908	.909	.911	.912	.913	.914	.916
16.0	.904	.905	.906	.908	.909	.910	.911	.913	.914	.915
16.1	.904	.905	.906	.907	.909	.910	.911	.912	.913	.915
16.2	.903	.904	.906	.907	.908	.909	.911	.912	.913	.914
16.3	.903	.904	.905	.906	.908	.909	.910	.911	.913	.914
16.4	.902	.904	.905	.906	.907	.909	.910	.911	.912	.913
16.5	.902	.903	.904	.906	.907	.908	.909	.911	.912	.913
16.6	.901	.903	.904	.905	.906	.908	.909	.910	.911	.913
16.7	.901	.902	.904	.905	.906	.907	.908	.910	.911	.912
16.8	.901	.902	.903	.904	.906	.907	.908	.909	.911	.912
16.9	.900	.901	.903	.904	.905	.906	.908	.909	.910	.911
17.0	.900	.901	.902	.903	.905	.906	.907	.908	.910	.911
17.1	.899	.901	.902	.903	.904	.906	.907	.908	.909	.910
17.2	.899	.900	.901	.903	.904	.905	.906	.908	.909	.910
17.3	.898	.900	.901	.902	.903	.905	.906	.907	.908	.910
17.4	.898	.899	.901	.902	.903	.904	.905	.907	.908	.909
17.5	.898	.899	.900	.901	.903	.904	.905	.906	.907	.909
17.6	.897	.898	.900	.901	.902	.903	.905	.906	.907	.908
17.7	.897	.898	.899	.900	.902	.903	.904	.905	.907	.908
17.8	.896	.898	.899	.900	.901	.903	.904	.905	.906	.907
17.9	.896	.897	.898	.900	.901	.902	.903	.905	.906	.907
18.0	.895	.897	.898	.899	.900	.902	.903	.904	.905	.907
18.1	.895	.896	.898	.899	.900	.901	.902	.904	.905	.906
18.2	.895	.896	.897	.898	.900	.901	.902	.903	.905	.906
18.3	.894	.895	.897	.898	.899	.900	.902	.903	.904	.905
18.4	.894	.895	.896	.897	.899	.900	.901	.902	.904	.905
18.5	.893	.895	.896	.897	.898	.899	.901	.902	.903	.904
18.6	.893	.894	.895	.897	.898	.899	.900	.902	.903	.904
18.7	.892	.894	.895	.896	.897	.899	.900	.901	.902	.904
18.8	.892	.893	.894	.896	.897	.898	.899	.901	.902	.903
18.9	.892	.893	.894	.895	.897	.898	.899	.900	.901	.903
19.0	.891	.892	.894	.895	.896	.897	.899	.900	.901	.902
19.1	.891	.892	.893	.894	.896	.897	.898	.899	.901	.902
19.2	.890	.892	.893	.894	.895	.896	.898	.899	.900	.901
19.3	.890	.891	.892	.894	.895	.896	.897	.898	.900	.901
19.4	.889	.891	.892	.893	.894	.896	.897	.898	.899	.900
19.5	.889	.890	.891	.893	.894	.895	.896	.898	.899	.900
19.6	.889	.890	.891	.892	.893	.895	.896	.897	.898	.900
19.7	.888	.889	.891	.892	.893	.894	.895	.897	.898	.899
19.8	.888	.889	.890	.891	.893	.894	.895	.896	.898	.899
19.9	.887	.888	.890	.891	.892	.893	.895	.896	.897	.898
20.0	.887	.888	.889	.891	.892	.893	.894	.895	.897	.898

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
20.1	0.886	0.888	0.889	0.890	0.891	0.893	0.894	0.895	0.896	0.897
20.2	.886	.887	.888	.890	.891	.892	.893	.895	.896	.897
20.3	.886	.887	.888	.889	.890	.892	.893	.894	.895	.897
20.4	.885	.886	.888	.889	.890	.891	.892	.894	.895	.896
20.5	.885	.886	.887	.888	.890	.891	.892	.893	.894	.896
20.6	.884	.885	.887	.888	.889	.890	.892	.893	.894	.895
20.7	.884	.885	.886	.887	.889	.890	.891	.892	.894	.895
20.8	.883	.885	.886	.887	.888	.889	.891	.892	.893	.894
20.9	.883	.884	.885	.887	.888	.889	.890	.891	.893	.894
21.0	.882	.884	.885	.886	.887	.889	.890	.891	.892	.893
21.1	.882	.883	.884	.886	.887	.888	.889	.891	.892	.893
21.2	.882	.883	.884	.885	.886	.888	.889	.890	.891	.893
21.3	.881	.882	.884	.885	.886	.887	.888	.890	.891	.892
21.4	.881	.882	.883	.884	.886	.887	.888	.889	.890	.892
21.5	.880	.881	.883	.884	.885	.886	.888	.889	.890	.891
21.6	.880	.881	.882	.883	.885	.886	.887	.888	.890	.891
21.7	.879	.881	.882	.883	.884	.885	.887	.888	.889	.890
21.8	.879	.880	.881	.883	.884	.885	.886	.887	.889	.890
21.9	.878	.880	.881	.882	.883	.885	.886	.887	.888	.889
22.0	.878	.879	.880	.882	.883	.884	.885	.887	.888	.889
22.1	.878	.879	.880	.881	.882	.884	.885	.886	.887	.889
22.2	.877	.878	.880	.881	.882	.883	.884	.886	.887	.888
22.3	.877	.878	.879	.880	.882	.883	.884	.885	.886	.888
22.4	.876	.877	.879	.880	.881	.882	.884	.885	.886	.887
22.5	.876	.877	.878	.879	.881	.882	.883	.884	.886	.887
22.6	.875	.877	.878	.879	.880	.881	.883	.884	.885	.886
22.7	.875	.876	.877	.879	.880	.881	.882	.883	.885	.886
22.8	.874	.876	.877	.878	.879	.881	.882	.883	.884	.885
22.9	.874	.875	.876	.878	.879	.880	.881	.882	.884	.885
23.0	.874	.875	.876	.877	.878	.880	.881	.882	.883	.884
23.1	.873	.874	.875	.877	.878	.879	.880	.882	.883	.884
23.2	.873	.874	.875	.876	.877	.879	.880	.881	.882	.884
23.3	.872	.873	.875	.876	.877	.878	.879	.881	.882	.883
23.4	.872	.873	.874	.875	.877	.878	.879	.880	.881	.883
23.5	.871	.872	.874	.875	.876	.877	.879	.880	.881	.882
23.6	.871	.872	.873	.874	.876	.877	.878	.879	.881	.882
23.7	.870	.872	.873	.874	.875	.876	.878	.879	.880	.881
23.8	.870	.871	.872	.874	.875	.876	.877	.878	.880	.881
23.9	.869	.871	.872	.873	.874	.875	.877	.878	.879	.880
24.0	.869	.870	.871	.873	.874	.875	.876	.877	.879	.880
24.1	.869	.870	.871	.872	.873	.875	.876	.877	.878	.879
24.2	.868	.869	.870	.872	.873	.874	.875	.877	.878	.879
24.3	.868	.869	.870	.871	.872	.874	.875	.876	.877	.879
24.4	.867	.868	.870	.871	.872	.873	.874	.876	.877	.878
24.5	.867	.868	.869	.870	.872	.873	.874	.875	.876	.878
24.6	.866	.867	.869	.870	.871	.872	.873	.875	.876	.877
24.7	.866	.867	.868	.869	.871	.872	.873	.874	.875	.877
24.8	.865	.867	.868	.869	.870	.871	.873	.874	.875	.876
24.9	.865	.866	.867	.868	.870	.871	.872	.873	.874	.876
25.0	.864	.866	.867	.868	.869	.870	.872	.873	.874	.875

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
25.1	0.864	0.865	0.866	0.868	0.869	0.870	0.871	0.872	0.874	0.875
25.2	.863	.865	.866	.867	.868	.869	.871	.872	.873	.874
25.3	.863	.864	.865	.867	.868	.869	.870	.871	.873	.874
25.4	.863	.864	.865	.866	.867	.869	.870	.871	.872	.873
25.5	.862	.863	.865	.866	.867	.868	.869	.871	.872	.873
25.6	.862	.863	.864	.865	.866	.868	.869	.870	.871	.872
25.7	.861	.862	.864	.865	.866	.867	.868	.870	.871	.872
25.8	.861	.862	.863	.864	.866	.867	.868	.869	.870	.872
25.9	.860	.861	.863	.864	.865	.866	.867	.869	.870	.871
26.0	.860	.861	.862	.863	.865	.866	.867	.868	.869	.871
26.1	.859	.860	.862	.863	.864	.865	.866	.868	.869	.870
26.2	.859	.860	.861	.862	.864	.865	.866	.867	.868	.870
26.3	.858	.860	.861	.862	.863	.864	.866	.867	.868	.869
26.4	.858	.859	.860	.861	.863	.864	.865	.866	.868	.869
26.5	.857	.859	.860	.861	.862	.863	.865	.866	.867	.868
26.6	.857	.858	.859	.861	.862	.863	.864	.865	.867	.868
26.7	.856	.858	.859	.860	.861	.862	.864	.865	.866	.867
26.8	.856	.857	.858	.860	.861	.862	.863	.864	.866	.867
26.9	.856	.857	.858	.859	.860	.861	.863	.864	.865	.866
27.0	.855	.856	.857	.859	.860	.861	.862	.863	.865	.866
27.1	.855	.856	.857	.858	.859	.861	.862	.863	.864	.865
27.2	.854	.855	.856	.858	.859	.860	.861	.862	.864	.865
27.3	.854	.855	.856	.857	.858	.860	.861	.862	.863	.864
27.4	.853	.854	.856	.857	.858	.859	.860	.862	.863	.864
27.5	.853	.854	.855	.856	.857	.859	.860	.861	.862	.863
27.6	.852	.853	.855	.856	.857	.858	.859	.861	.862	.863
27.7	.852	.853	.854	.855	.857	.858	.859	.860	.861	.862
27.8	.851	.852	.854	.855	.856	.857	.858	.860	.861	.862
27.9	.851	.852	.853	.854	.856	.857	.858	.859	.860	.861
28.0	.850	.851	.853	.854	.855	.856	.857	.859	.860	.861
28.1	.850	.851	.852	.853	.855	.856	.857	.858	.859	.861
28.2	.849	.851	.852	.853	.854	.855	.856	.858	.859	.860
28.3	.849	.850	.851	.852	.854	.855	.856	.857	.858	.860
28.4	.848	.850	.851	.852	.853	.854	.855	.857	.858	.859
28.5	.848	.849	.850	.851	.853	.854	.855	.856	.857	.859
28.6	.847	.849	.850	.851	.852	.853	.854	.856	.857	.858
28.7	.847	.848	.849	.850	.852	.853	.854	.855	.856	.858
28.8	.846	.848	.849	.850	.851	.852	.854	.855	.856	.857
28.9	.846	.847	.848	.850	.851	.852	.853	.854	.855	.857
29.0	.845	.847	.848	.849	.850	.851	.853	.854	.855	.856
29.1	.845	.846	.847	.849	.850	.851	.852	.853	.854	.856
28.2	.844	.846	.847	.848	.849	.850	.852	.853	.854	.855
29.3	.844	.845	.846	.848	.849	.850	.851	.852	.853	.855
29.4	.843	.845	.846	.847	.848	.849	.851	.852	.853	.854
29.5	.843	.844	.845	.847	.848	.849	.850	.851	.852	.854
29.6	.843	.844	.845	.846	.847	.848	.850	.851	.852	.853
29.7	.842	.843	.844	.846	.847	.848	.849	.850	.852	.853
29.8	.842	.843	.844	.845	.846	.847	.849	.850	.851	.852
29.9	.841	.842	.843	.845	.846	.847	.848	.849	.851	.852
30.0	.841	.842	.843	.844	.845	.846	.848	.849	.850	.851

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
10.1	0.941	0.942	0.944	0.945	0.946	0.947	0.949	0.950	0.951	0.953
10.2	.941	.942	.943	.944	.946	.947	.948	.950	.951	.952
10.3	.940	.942	.943	.944	.945	.947	.948	.949	.950	.952
10.4	.940	.941	.942	.944	.945	.946	.947	.949	.950	.951
10.5	.939	.941	.942	.943	.945	.946	.947	.948	.950	.951
10.6	.939	.940	.942	.943	.944	.945	.947	.948	.949	.950
10.7	.939	.940	.941	.942	.944	.945	.946	.947	.949	.950
10.8	.938	.939	.941	.942	.943	.945	.946	.947	.948	.950
10.9	.938	.939	.940	.942	.943	.944	.945	.947	.948	.949
11.0	.937	.939	.940	.941	.942	.944	.945	.946	.947	.949
11.1	.937	.938	.939	.941	.942	.943	.945	.946	.947	.948
11.2	.937	.938	.939	.940	.942	.943	.944	.945	.947	.948
11.3	.936	.937	.939	.940	.941	.942	.944	.945	.946	.947
11.4	.936	.937	.938	.939	.941	.942	.943	.945	.946	.947
11.5	.935	.937	.938	.939	.940	.942	.943	.944	.945	.947
11.6	.935	.936	.937	.939	.940	.941	.942	.944	.945	.946
11.7	.934	.936	.937	.938	.940	.941	.942	.943	.945	.946
11.8	.934	.935	.937	.938	.939	.940	.942	.943	.944	.945
11.9	.934	.935	.936	.937	.939	.940	.941	.942	.944	.945
12.0	.933	.934	.936	.937	.938	.940	.941	.942	.943	.945
12.1	.933	.934	.935	.937	.938	.939	.940	.942	.943	.944
12.2	.932	.934	.935	.936	.937	.939	.940	.941	.942	.944
12.3	.932	.933	.935	.936	.937	.938	.940	.941	.942	.943
12.4	.932	.933	.934	.935	.937	.938	.939	.940	.942	.943
12.5	.931	.932	.934	.935	.936	.937	.939	.940	.941	.942
12.6	.931	.932	.933	.935	.936	.937	.938	.940	.941	.942
12.7	.930	.932	.933	.934	.935	.937	.938	.939	.940	.942
12.8	.930	.931	.932	.934	.935	.936	.937	.939	.940	.941
12.9	.929	.931	.932	.933	.934	.936	.937	.938	.940	.941
13.0	.929	.930	.932	.933	.934	.935	.937	.938	.939	.940
13.1	.929	.930	.931	.932	.934	.935	.936	.937	.939	.940
13.2	.928	.929	.931	.932	.933	.934	.936	.937	.938	.939
13.3	.928	.929	.930	.932	.933	.934	.935	.937	.938	.939
13.4	.927	.929	.930	.931	.932	.934	.935	.936	.937	.939
13.5	.927	.928	.929	.931	.932	.933	.935	.936	.937	.938
13.6	.927	.928	.929	.930	.932	.933	.934	.935	.937	.938
13.7	.926	.927	.929	.930	.931	.932	.934	.935	.936	.937
13.8	.926	.927	.928	.929	.931	.932	.933	.934	.936	.937
13.9	.925	.927	.928	.929	.930	.932	.933	.934	.935	.937
14.0	.925	.926	.927	.929	.930	.931	.932	.934	.935	.936
14.1	.924	.926	.927	.928	.929	.931	.932	.933	.934	.936
14.2	.924	.925	.927	.928	.929	.930	.932	.933	.934	.935
14.3	.924	.925	.926	.927	.929	.930	.931	.932	.934	.935
14.4	.923	.924	.926	.927	.928	.929	.931	.932	.933	.934
14.5	.923	.924	.925	.926	.928	.929	.930	.931	.933	.934
14.6	.922	.924	.925	.926	.927	.929	.930	.931	.932	.934
14.7	.922	.923	.924	.926	.927	.928	.929	.931	.932	.933
14.8	.921	.923	.924	.925	.926	.928	.929	.930	.932	.933
14.9	.921	.922	.924	.925	.926	.927	.929	.930	.931	.932
15.0	.921	.922	.923	.924	.926	.927	.928	.929	.931	.932

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
15.1	0.920	0.921	0.923	0.924	0.925	0.926	0.928	0.929	0.930	0.931
15.2	.920	.921	.922	.924	.925	.926	.927	.929	.930	.931
15.3	.919	.921	.922	.923	.924	.926	.927	.928	.929	.931
15.4	.919	.920	.921	.923	.924	.925	.926	.928	.929	.930
15.5	.919	.920	.921	.922	.923	.925	.926	.927	.928	.930
15.6	.918	.919	.921	.922	.923	.924	.926	.927	.928	.929
15.7	.918	.919	.920	.921	.923	.924	.925	.926	.928	.929
15.8	.917	.918	.920	.921	.922	.923	.925	.926	.927	.928
15.9	.917	.918	.919	.921	.922	.923	.924	.926	.927	.928
16.0	.916	.918	.919	.920	.921	.923	.924	.925	.926	.928
16.1	.916	.917	.918	.920	.921	.922	.923	.925	.926	.927
16.2	.916	.917	.918	.919	.921	.922	.923	.924	.925	.927
16.3	.915	.916	.918	.919	.920	.921	.923	.924	.925	.926
16.4	.915	.916	.917	.918	.920	.921	.922	.923	.925	.926
16.5	.914	.916	.917	.918	.919	.920	.922	.923	.924	.925
16.6	.914	.915	.916	.918	.919	.920	.921	.923	.924	.925
16.7	.913	.915	.916	.917	.918	.920	.921	.922	.923	.925
16.8	.913	.914	.915	.917	.918	.919	.920	.922	.923	.924
16.9	.913	.914	.915	.916	.918	.919	.920	.921	.922	.924
17.0	.912	.913	.915	.916	.917	.918	.920	.921	.922	.923
17.1	.912	.913	.914	.915	.917	.918	.919	.920	.922	.923
17.2	.911	.913	.914	.915	.916	.917	.919	.920	.921	.922
17.3	.911	.912	.913	.915	.916	.917	.918	.920	.921	.922
17.4	.910	.912	.913	.914	.915	.917	.918	.919	.920	.922
17.5	.910	.911	.912	.914	.915	.916	.917	.919	.920	.921
17.6	.910	.911	.912	.913	.915	.916	.917	.918	.919	.921
17.7	.909	.910	.912	.913	.914	.915	.917	.918	.919	.920
17.8	.909	.910	.911	.912	.914	.915	.916	.917	.919	.920
17.9	.908	.909	.911	.912	.913	.914	.916	.917	.918	.919
18.0	.908	.909	.910	.912	.913	.914	.915	.916	.918	.919
18.1	.907	.909	.910	.911	.912	.914	.915	.916	.917	.919
18.2	.907	.908	.909	.911	.912	.913	.914	.916	.917	.918
18.3	.907	.908	.909	.910	.911	.913	.914	.915	.916	.918
18.4	.906	.907	.909	.910	.911	.912	.913	.915	.916	.917
18.5	.906	.907	.908	.909	.911	.912	.913	.914	.916	.917
18.6	.905	.906	.908	.909	.910	.911	.913	.914	.915	.916
18.7	.905	.906	.907	.908	.910	.911	.912	.913	.915	.916
18.8	.904	.906	.907	.908	.909	.910	.912	.913	.914	.915
18.9	.904	.905	.906	.908	.909	.910	.911	.913	.914	.915
19.0	.903	.905	.906	.907	.908	.910	.911	.912	.913	.915
19.1	.903	.904	.906	.907	.908	.909	.910	.912	.913	.914
19.2	.903	.904	.905	.906	.908	.909	.910	.911	.912	.914
19.3	.902	.903	.905	.906	.907	.908	.910	.911	.912	.913
19.4	.902	.903	.904	.905	.907	.908	.909	.910	.912	.913
19.5	.901	.902	.904	.905	.906	.907	.909	.910	.911	.912
19.6	.901	.902	.903	.905	.906	.907	.908	.909	.911	.912
19.7	.900	.902	.903	.904	.905	.907	.908	.909	.910	.911
19.8	.900	.901	.902	.904	.905	.906	.907	.909	.910	.911
19.9	.900	.901	.902	.903	.904	.906	.907	.908	.909	.911
20.0	.899	.900	.902	.903	.904	.905	.906	.908	.909	.910

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
20.1	0.899	0.900	0.901	0.902	0.904	0.905	0.906	0.907	0.908	0.910
20.2	.898	.899	.901	.902	.903	.904	.906	.907	.908	.909
20.3	.898	.899	.900	.901	.903	.904	.905	.906	.908	.909
20.4	.897	.899	.900	.901	.902	.903	.905	.906	.907	.908
20.5	.897	.898	.899	.901	.902	.903	.904	.905	.907	.908
20.6	.896	.898	.899	.900	.901	.903	.904	.905	.906	.907
20.7	.896	.897	.898	.900	.901	.902	.903	.905	.906	.907
20.8	.896	.897	.898	.899	.900	.902	.903	.904	.905	.907
20.9	.895	.896	.898	.899	.900	.901	.902	.904	.905	.906
21.0	.895	.896	.897	.898	.900	.901	.902	.903	.904	.906
21.1	.894	.895	.897	.898	.899	.900	.902	.903	.904	.905
21.2	.894	.895	.896	.897	.899	.900	.901	.902	.904	.905
21.3	.893	.895	.896	.897	.898	.899	.901	.902	.903	.904
21.4	.893	.894	.895	.897	.898	.899	.900	.901	.903	.904
21.5	.892	.894	.895	.896	.897	.899	.900	.901	.902	.903
21.6	.892	.893	.894	.896	.897	.898	.899	.901	.902	.903
21.7	.892	.893	.894	.895	.896	.898	.899	.900	.901	.903
21.8	.891	.892	.894	.895	.896	.897	.898	.900	.901	.902
21.9	.891	.892	.893	.894	.896	.897	.898	.899	.900	.902
22.0	.890	.891	.893	.894	.895	.896	.898	.899	.900	.901
22.1	.890	.891	.892	.893	.895	.896	.897	.898	.899	.901
22.2	.889	.890	.892	.893	.894	.895	.897	.898	.899	.900
22.3	.889	.890	.891	.892	.894	.895	.896	.897	.899	.900
22.4	.888	.890	.891	.892	.893	.894	.896	.897	.898	.899
22.5	.888	.889	.890	.892	.893	.894	.895	.896	.898	.899
22.6	.887	.889	.890	.891	.892	.894	.895	.896	.897	.898
22.7	.887	.888	.889	.891	.892	.893	.894	.896	.897	.898
22.8	.887	.888	.889	.890	.891	.893	.894	.895	.896	.898
22.9	.886	.887	.888	.890	.891	.892	.893	.895	.896	.897
23.0	.886	.887	.888	.889	.891	.892	.893	.894	.895	.897
23.1	.885	.886	.888	.889	.890	.891	.892	.894	.895	.896
23.2	.885	.886	.887	.888	.890	.891	.892	.893	.894	.896
23.3	.884	.885	.887	.888	.889	.890	.892	.893	.894	.895
23.4	.884	.885	.886	.887	.889	.890	.891	.892	.894	.895
23.5	.883	.885	.886	.887	.888	.889	.891	.892	.893	.894
23.6	.883	.884	.885	.887	.888	.889	.890	.891	.893	.894
23.7	.882	.884	.885	.886	.887	.889	.890	.891	.892	.893
23.8	.882	.883	.884	.886	.887	.888	.889	.890	.892	.893
23.9	.882	.883	.884	.885	.886	.888	.889	.890	.891	.892
24.0	.881	.882	.883	.885	.886	.887	.888	.890	.891	.892
24.1	.881	.882	.883	.884	.885	.887	.888	.889	.890	.892
24.2	.880	.881	.883	.884	.885	.886	.887	.889	.890	.891
24.3	.880	.881	.882	.883	.885	.886	.887	.888	.889	.891
24.4	.879	.880	.882	.883	.884	.885	.886	.888	.889	.890
24.5	.879	.880	.881	.882	.884	.885	.886	.887	.888	.890
24.6	.878	.879	.881	.882	.883	.884	.886	.887	.888	.889
24.7	.878	.879	.880	.881	.883	.884	.885	.886	.888	.889
24.8	.877	.879	.880	.881	.882	.883	.885	.886	.887	.888
24.9	.877	.878	.879	.881	.882	.883	.884	.885	.887	.888
25.0	.876	.878	.879	.880	.881	.882	.884	.885	.886	.887

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
25.1	0.876	0.877	0.878	0.880	0.881	0.882	0.883	0.884	0.886	0.887
25.2	.875	.877	.878	.879	.880	.882	.883	.884	.885	.886
25.3	.875	.876	.877	.879	.880	.881	.882	.883	.885	.886
25.4	.875	.876	.877	.878	.879	.881	.882	.883	.884	.885
25.5	.874	.875	.877	.878	.879	.880	.881	.883	.884	.885
25.6	.874	.875	.876	.877	.878	.880	.881	.882	.883	.884
25.7	.873	.874	.876	.877	.878	.879	.880	.882	.883	.884
25.8	.873	.874	.875	.876	.878	.879	.880	.881	.882	.884
25.9	.872	.873	.875	.876	.877	.878	.879	.881	.882	.883
26.0	.872	.873	.874	.875	.877	.878	.879	.880	.881	.883
26.1	.871	.872	.874	.875	.876	.877	.878	.880	.881	.882
26.2	.871	.872	.873	.874	.876	.877	.878	.879	.880	.882
26.3	.870	.872	.873	.874	.875	.876	.878	.879	.880	.881
26.4	.870	.871	.872	.873	.875	.876	.877	.878	.879	.881
26.5	.869	.871	.872	.873	.874	.875	.877	.878	.879	.880
26.6	.869	.870	.871	.873	.874	.875	.876	.877	.879	.880
26.7	.868	.870	.871	.872	.873	.874	.876	.877	.878	.879
26.8	.868	.869	.870	.872	.873	.874	.875	.876	.878	.879
26.9	.867	.869	.870	.871	.872	.873	.875	.876	.877	.878
27.0	.867	.868	.869	.871	.872	.873	.874	.875	.877	.878
27.1	.867	.868	.869	.870	.871	.873	.874	.875	.876	.877
27.2	.866	.867	.868	.870	.871	.872	.873	.874	.876	.877
27.3	.866	.867	.868	.869	.870	.872	.873	.874	.875	.876
27.4	.865	.866	.868	.869	.870	.871	.872	.873	.875	.876
27.5	.865	.866	.867	.868	.869	.871	.872	.873	.874	.875
27.6	.864	.865	.867	.868	.869	.870	.871	.873	.874	.875
27.7	.864	.865	.866	.867	.868	.870	.871	.872	.873	.874
27.8	.863	.864	.866	.867	.868	.869	.870	.872	.873	.874
27.9	.863	.864	.865	.866	.867	.869	.870	.871	.872	.873
28.0	.862	.863	.865	.866	.867	.868	.869	.871	.872	.873
28.1	.862	.863	.864	.865	.866	.868	.869	.870	.871	.872
28.2	.861	.862	.864	.865	.866	.867	.868	.870	.871	.872
28.3	.861	.862	.863	.864	.866	.867	.868	.869	.870	.871
28.4	.860	.861	.863	.864	.865	.866	.867	.869	.870	.871
28.5	.860	.861	.862	.863	.865	.866	.867	.868	.869	.871
28.6	.859	.861	.862	.863	.864	.865	.866	.868	.869	.870
28.7	.859	.860	.861	.862	.864	.865	.866	.867	.868	.870
28.8	.858	.860	.861	.862	.863	.864	.865	.867	.868	.869
28.9	.858	.859	.860	.861	.863	.864	.865	.866	.867	.869
29.0	.857	.859	.860	.861	.862	.863	.864	.866	.867	.868
29.1	.857	.858	.859	.860	.862	.863	.864	.865	.866	.868
29.2	.856	.858	.859	.860	.861	.862	.863	.865	.866	.867
29.3	.856	.857	.858	.859	.861	.862	.863	.864	.865	.867
29.4	.855	.857	.858	.859	.860	.861	.862	.864	.865	.866
29.5	.855	.856	.857	.858	.860	.861	.862	.863	.864	.866
29.6	.854	.856	.857	.858	.859	.860	.861	.863	.864	.865
29.7	.854	.855	.856	.857	.859	.860	.861	.862	.863	.865
29.8	.853	.855	.856	.857	.858	.859	.860	.862	.863	.864
29.9	.853	.854	.855	.856	.858	.859	.860	.861	.862	.864
30.0	.852	.854	.855	.856	.857	.858	.859	.861	.862	.863

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
10.1	0.954	0.955	0.956	0.958	0.959	0.960	0.961	0.963	0.964	0.965
10.2	.953	.955	.956	.957	.958	.960	.961	.962	.964	.965
10.3	.953	.954	.955	.957	.958	.959	.961	.962	.963	.964
10.4	.953	.954	.955	.956	.958	.959	.960	.961	.963	.964
10.5	.952	.953	.955	.956	.957	.958	.960	.961	.962	.964
10.6	.952	.953	.954	.956	.957	.958	.959	.961	.962	.963
10.7	.951	.953	.954	.955	.956	.958	.959	.960	.961	.963
10.8	.951	.952	.953	.955	.956	.957	.958	.960	.961	.962
10.9	.950	.952	.953	.954	.956	.957	.958	.959	.961	.962
11.0	.950	.951	.953	.954	.955	.956	.958	.959	.960	.961
11.1	.950	.951	.952	.953	.955	.956	.957	.958	.960	.961
11.2	.949	.950	.952	.953	.954	.955	.957	.958	.959	.961
11.3	.949	.950	.951	.953	.954	.955	.956	.958	.959	.960
11.4	.948	.950	.951	.952	.953	.955	.956	.957	.958	.960
11.5	.948	.949	.950	.952	.953	.954	.956	.957	.958	.959
11.6	.948	.949	.950	.951	.953	.954	.955	.956	.958	.959
11.7	.947	.948	.950	.951	.952	.953	.955	.956	.957	.958
11.8	.947	.948	.949	.950	.952	.953	.954	.956	.957	.958
11.9	.946	.947	.949	.950	.951	.953	.954	.955	.956	.958
12.0	.946	.947	.948	.950	.951	.952	.953	.955	.956	.957
12.1	.945	.947	.948	.949	.950	.952	.953	.954	.955	.957
12.2	.945	.946	.948	.949	.950	.951	.953	.954	.955	.956
12.3	.945	.946	.947	.948	.950	.951	.952	.953	.955	.956
12.4	.944	.945	.947	.948	.949	.950	.952	.953	.954	.955
12.5	.944	.945	.946	.947	.949	.950	.951	.953	.954	.955
12.6	.943	.945	.946	.947	.948	.950	.951	.952	.953	.955
12.7	.943	.944	.945	.947	.948	.949	.950	.952	.953	.954
12.8	.942	.944	.945	.946	.947	.949	.950	.951	.953	.954
12.9	.942	.943	.945	.946	.947	.948	.950	.951	.952	.953
13.0	.942	.943	.944	.945	.947	.948	.949	.950	.952	.953
13.1	.941	.942	.944	.945	.946	.947	.949	.950	.951	.953
13.2	.941	.942	.943	.945	.946	.947	.948	.950	.951	.952
13.3	.940	.942	.943	.944	.945	.947	.948	.949	.950	.952
13.4	.940	.941	.942	.944	.945	.946	.947	.949	.950	.951
13.5	.940	.941	.942	.943	.945	.946	.947	.948	.950	.951
13.6	.939	.940	.942	.943	.944	.945	.947	.948	.949	.950
13.7	.939	.940	.941	.942	.944	.945	.946	.947	.949	.950
13.8	.938	.939	.941	.942	.943	.945	.946	.947	.948	.950
13.9	.938	.939	.940	.942	.943	.944	.945	.947	.948	.949
14.0	.937	.939	.940	.941	.942	.944	.945	.946	.947	.949
14.1	.937	.938	.939	.941	.942	.943	.944	.946	.947	.948
14.2	.937	.938	.939	.940	.942	.943	.944	.945	.947	.948
14.3	.936	.937	.939	.940	.941	.942	.944	.945	.946	.947
14.4	.936	.937	.938	.939	.941	.942	.943	.944	.946	.947
14.5	.935	.936	.938	.939	.940	.941	.943	.944	.945	.946
14.6	.935	.936	.937	.939	.940	.941	.942	.944	.945	.946
14.7	.934	.936	.937	.938	.939	.941	.942	.943	.944	.946
14.8	.934	.935	.936	.938	.939	.940	.941	.943	.944	.945
14.9	.934	.935	.936	.937	.939	.940	.941	.942	.944	.945
15.0	.933	.934	.936	.937	.938	.939	.941	.942	.943	.944

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
15.1	0.933	0.934	0.935	0.936	0.938	0.939	0.940	0.941	0.943	0.944
15.2	.932	.934	.935	.936	.937	.939	.940	.941	.942	.943
15.3	.932	.933	.934	.936	.937	.938	.939	.941	.942	.943
15.4	.931	.933	.934	.935	.936	.938	.939	.940	.941	.943
15.5	.931	.932	.933	.935	.936	.937	.938	.940	.941	.942
15.6	.931	.932	.933	.934	.936	.937	.938	.939	.940	.942
15.7	.930	.931	.933	.934	.935	.936	.938	.939	.940	.941
15.8	.930	.931	.932	.933	.935	.936	.937	.938	.940	.941
15.9	.929	.930	.932	.933	.934	.935	.937	.938	.939	.940
16.0	.929	.930	.931	.933	.934	.935	.936	.938	.939	.940
16.1	.928	.930	.931	.932	.933	.935	.936	.937	.938	.940
16.2	.928	.929	.930	.932	.933	.934	.935	.937	.938	.939
16.3	.928	.929	.930	.931	.933	.934	.935	.936	.937	.939
16.4	.927	.928	.930	.931	.932	.933	.935	.936	.937	.938
16.5	.927	.928	.929	.930	.932	.933	.934	.935	.937	.938
16.6	.926	.928	.929	.930	.931	.932	.934	.935	.936	.937
16.7	.926	.927	.928	.930	.931	.932	.933	.935	.936	.937
16.8	.925	.927	.928	.929	.930	.932	.933	.934	.935	.937
16.9	.925	.926	.927	.929	.930	.931	.932	.934	.935	.936
17.0	.924	.926	.927	.928	.929	.931	.932	.933	.934	.936
17.1	.924	.925	.927	.928	.929	.930	.931	.933	.934	.935
17.2	.924	.925	.926	.927	.929	.930	.931	.932	.934	.935
17.3	.923	.924	.926	.927	.928	.929	.931	.932	.933	.934
17.4	.923	.924	.925	.926	.928	.929	.930	.931	.933	.934
17.5	.922	.924	.925	.926	.927	.929	.930	.931	.932	.933
17.6	.922	.923	.924	.926	.927	.928	.929	.931	.932	.933
17.7	.921	.923	.924	.925	.926	.928	.929	.930	.931	.933
17.8	.921	.922	.924	.925	.926	.927	.928	.930	.931	.932
17.9	.921	.922	.923	.924	.926	.927	.928	.929	.930	.932
18.0	.920	.921	.923	.924	.925	.926	.928	.929	.930	.931
18.1	.920	.921	.922	.923	.925	.926	.927	.928	.930	.931
18.2	.919	.921	.922	.923	.924	.925	.927	.928	.929	.930
18.3	.919	.920	.921	.923	.924	.925	.926	.928	.929	.930
18.4	.918	.920	.921	.922	.923	.925	.926	.927	.928	.930
18.5	.918	.919	.920	.922	.923	.924	.925	.927	.928	.929
18.6	.918	.919	.920	.921	.922	.924	.925	.926	.927	.929
18.7	.917	.918	.920	.921	.922	.923	.924	.926	.927	.928
18.8	.917	.918	.919	.920	.922	.923	.924	.925	.926	.928
18.9	.916	.917	.919	.920	.921	.922	.924	.925	.926	.927
19.0	.916	.917	.918	.919	.921	.922	.923	.924	.926	.927
19.1	.915	.917	.918	.919	.920	.921	.923	.924	.925	.926
19.2	.915	.916	.917	.919	.920	.921	.922	.923	.925	.926
19.3	.914	.916	.917	.918	.919	.921	.922	.923	.924	.925
19.4	.914	.915	.916	.918	.919	.920	.921	.923	.924	.925
19.5	.914	.915	.916	.917	.918	.920	.921	.922	.923	.925
19.6	.913	.914	.916	.917	.918	.919	.920	.922	.923	.924
19.7	.913	.914	.915	.916	.918	.919	.920	.921	.922	.924
19.8	.912	.913	.915	.916	.917	.918	.920	.921	.922	.923
19.9	.912	.913	.914	.915	.917	.918	.919	.920	.922	.923
20.0	.911	.913	.914	.915	.916	.917	.919	.920	.921	.922

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
20.1	0.911	0.912	0.913	0.915	0.916	0.917	0.918	0.919	0.921	0.922
20.2	.910	.912	.913	.914	.915	.917	.918	.919	.920	.921
20.3	.910	.911	.912	.914	.915	.916	.917	.919	.920	.921
20.4	.910	.911	.912	.913	.914	.916	.917	.918	.919	.921
20.5	.909	.910	.912	.913	.914	.915	.916	.918	.919	.920
20.6	.909	.910	.911	.912	.914	.915	.916	.917	.918	.920
20.7	.908	.909	.911	.912	.913	.914	.916	.917	.918	.919
20.8	.908	.909	.910	.911	.913	.914	.915	.916	.918	.919
20.9	.907	.909	.910	.911	.912	.913	.915	.916	.917	.918
21.0	.907	.908	.909	.911	.912	.913	.914	.915	.917	.918
21.1	.906	.908	.909	.910	.911	.913	.914	.915	.916	.917
21.2	.906	.907	.908	.910	.911	.912	.913	.915	.916	.917
21.3	.906	.907	.908	.909	.910	.912	.913	.914	.915	.917
21.4	.905	.906	.907	.909	.910	.911	.912	.914	.915	.916
21.5	.905	.906	.907	.908	.910	.911	.912	.913	.914	.916
21.6	.904	.905	.907	.908	.909	.910	.911	.913	.914	.915
21.7	.904	.905	.906	.907	.909	.910	.911	.912	.913	.915
21.8	.903	.904	.906	.907	.908	.909	.911	.912	.913	.914
21.9	.903	.904	.905	.906	.908	.909	.910	.911	.913	.914
22.0	.902	.904	.905	.906	.907	.908	.910	.911	.912	.913
22.1	.902	.903	.904	.906	.907	.908	.909	.910	.912	.913
22.2	.901	.903	.904	.905	.906	.908	.909	.910	.911	.912
22.3	.901	.902	.903	.905	.906	.907	.908	.910	.911	.912
22.4	.901	.902	.903	.904	.905	.907	.908	.909	.910	.911
22.5	.900	.901	.902	.904	.905	.906	.907	.909	.910	.911
22.6	.900	.901	.902	.903	.904	.906	.907	.908	.909	.911
22.7	.899	.900	.902	.903	.904	.905	.906	.908	.909	.910
22.8	.899	.900	.901	.902	.904	.905	.906	.907	.908	.910
22.9	.898	.899	.901	.902	.903	.904	.906	.907	.908	.909
23.0	.898	.899	.900	.901	.903	.904	.905	.906	.908	.909
23.1	.897	.899	.900	.901	.902	.903	.905	.906	.907	.908
23.2	.897	.898	.899	.901	.902	.903	.904	.905	.907	.908
23.3	.896	.898	.899	.900	.901	.902	.904	.905	.906	.907
23.4	.896	.897	.898	.900	.901	.902	.903	.904	.906	.907
23.5	.895	.897	.898	.899	.900	.902	.903	.904	.905	.906
23.6	.895	.896	.897	.899	.900	.901	.902	.904	.905	.906
23.7	.895	.896	.897	.898	.899	.901	.902	.903	.904	.905
23.8	.894	.895	.897	.898	.899	.900	.901	.903	.904	.905
23.9	.894	.895	.896	.897	.898	.900	.901	.902	.903	.905
24.0	.893	.894	.896	.897	.898	.899	.900	.902	.903	.904
24.1	.893	.894	.895	.896	.898	.899	.900	.901	.902	.904
24.2	.892	.893	.895	.896	.897	.898	.900	.901	.902	.903
24.3	.892	.893	.894	.895	.897	.898	.899	.900	.901	.903
24.4	.891	.893	.894	.895	.896	.897	.899	.900	.901	.902
24.5	.891	.892	.893	.894	.896	.897	.898	.899	.901	.902
24.6	.890	.892	.893	.894	.895	.896	.898	.899	.900	.901
24.7	.890	.891	.892	.894	.895	.896	.897	.898	.900	.901
24.8	.889	.891	.892	.893	.894	.895	.897	.898	.899	.900
24.9	.889	.890	.891	.893	.894	.895	.896	.897	.899	.900
25.0	.889	.890	.891	.892	.893	.895	.896	.897	.898	.899

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
25.1	0.888	0.889	0.890	0.892	0.893	0.894	0.895	0.896	0.898	0.899
25.2	.888	.889	.890	.891	.892	.894	.895	.896	.897	.898
25.3	.887	.888	.889	.891	.892	.893	.894	.896	.897	.898
25.4	.887	.888	.889	.890	.891	.893	.894	.895	.896	.897
25.5	.886	.887	.889	.890	.891	.892	.893	.895	.896	.897
25.6	.886	.887	.888	.889	.891	.892	.893	.894	.895	.897
25.7	.885	.886	.888	.889	.890	.891	.892	.894	.895	.896
25.8	.885	.886	.887	.888	.890	.891	.892	.893	.894	.896
25.9	.884	.885	.887	.888	.889	.890	.891	.893	.894	.895
26.0	.884	.885	.886	.887	.889	.890	.891	.892	.893	.895
26.1	.883	.885	.886	.887	.888	.889	.891	.892	.893	.894
26.2	.883	.884	.885	.886	.888	.889	.890	.891	.892	.894
26.3	.882	.884	.885	.886	.887	.888	.890	.891	.892	.893
26.4	.882	.883	.884	.885	.887	.888	.889	.890	.891	.893
26.5	.881	.883	.884	.885	.886	.887	.889	.890	.891	.892
26.6	.881	.882	.883	.885	.886	.887	.888	.889	.891	.892
26.7	.880	.882	.883	.884	.885	.886	.888	.889	.890	.891
26.8	.880	.881	.882	.884	.885	.886	.887	.888	.890	.891
26.9	.879	.881	.882	.883	.884	.885	.887	.888	.889	.890
27.0	.879	.880	.881	.883	.884	.885	.886	.887	.889	.890
27.1	.879	.880	.881	.882	.883	.884	.886	.887	.888	.889
27.2	.878	.879	.880	.882	.883	.884	.885	.886	.888	.889
27.3	.878	.879	.880	.881	.882	.884	.885	.886	.887	.888
27.4	.877	.878	.879	.881	.882	.883	.884	.885	.887	.888
27.5	.877	.878	.879	.880	.881	.883	.884	.885	.886	.887
27.6	.876	.877	.878	.880	.881	.882	.883	.884	.886	.887
27.7	.876	.877	.878	.879	.880	.882	.883	.884	.885	.886
27.8	.875	.876	.878	.879	.880	.881	.882	.883	.885	.886
27.9	.875	.876	.877	.878	.879	.881	.882	.883	.884	.885
28.0	.874	.875	.877	.878	.879	.880	.881	.883	.884	.885
28.1	.874	.875	.876	.877	.878	.880	.881	.882	.883	.884
28.2	.873	.874	.876	.877	.878	.879	.880	.882	.883	.884
28.3	.873	.874	.875	.876	.877	.879	.880	.881	.882	.883
28.4	.872	.873	.875	.876	.877	.878	.879	.881	.882	.883
28.5	.872	.873	.874	.875	.876	.878	.879	.880	.881	.882
28.6	.871	.872	.874	.875	.876	.877	.878	.880	.881	.882
28.7	.871	.872	.873	.874	.875	.877	.878	.879	.880	.881
28.8	.870	.871	.873	.874	.875	.876	.877	.879	.880	.881
28.9	.870	.871	.872	.873	.874	.876	.877	.878	.879	.880
29.0	.869	.870	.872	.873	.874	.875	.876	.878	.879	.880
29.1	.869	.870	.871	.872	.874	.875	.876	.877	.878	.879
29.2	.868	.869	.871	.872	.873	.874	.875	.877	.878	.879
29.3	.868	.869	.870	.871	.873	.874	.875	.876	.877	.878
29.4	.867	.868	.870	.871	.872	.873	.874	.876	.877	.878
29.5	.867	.868	.869	.870	.872	.873	.874	.875	.876	.877
29.6	.866	.867	.869	.870	.871	.872	.873	.875	.876	.877
29.7	.866	.867	.868	.869	.870	.872	.873	.874	.875	.876
29.8	.865	.866	.868	.869	.870	.871	.872	.874	.875	.876
29.9	.865	.866	.867	.868	.869	.871	.872	.873	.874	.875
30.0	.864	.865	.867	.868	.869	.870	.871	.873	.874	.875

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
10.1	0.966	0.968	0.969	0.970	0.972	0.973	0.974	0.975	0.977	0.978
10.2	.966	.967	.969	.970	.971	.972	.974	.975	.976	.977
10.3	.966	.967	.968	.969	.971	.972	.973	.974	.976	.977
10.4	.965	.966	.968	.969	.970	.972	.973	.974	.975	.977
10.5	.965	.966	.967	.969	.970	.971	.972	.974	.975	.976
10.6	.964	.966	.967	.968	.969	.971	.972	.973	.974	.976
10.7	.964	.965	.966	.968	.969	.970	.972	.973	.974	.975
10.8	.964	.965	.966	.967	.969	.970	.971	.972	.974	.975
10.9	.963	.964	.966	.967	.968	.969	.971	.972	.973	.974
11.0	.963	.964	.965	.966	.968	.969	.970	.972	.973	.974
11.1	.962	.963	.965	.966	.967	.969	.970	.971	.972	.974
11.2	.962	.963	.964	.966	.967	.968	.969	.971	.972	.973
11.3	.961	.963	.964	.965	.966	.968	.969	.970	.972	.973
11.4	.961	.962	.963	.965	.966	.967	.969	.970	.971	.972
11.5	.961	.962	.963	.964	.966	.967	.968	.969	.971	.972
11.6	.960	.961	.963	.964	.965	.966	.968	.969	.970	.972
11.7	.960	.961	.962	.964	.965	.966	.967	.969	.970	.971
11.8	.959	.961	.962	.963	.964	.966	.967	.968	.969	.971
11.9	.959	.960	.961	.963	.964	.965	.966	.968	.969	.970
12.0	.958	.960	.961	.962	.963	.965	.966	.967	.969	.970
12.1	.958	.959	.961	.962	.963	.964	.966	.967	.968	.969
12.2	.958	.959	.960	.961	.963	.964	.965	.966	.968	.969
12.3	.957	.958	.960	.961	.962	.963	.965	.966	.967	.968
12.4	.957	.958	.959	.960	.962	.963	.964	.966	.967	.968
12.5	.956	.958	.959	.960	.961	.963	.964	.965	.966	.968
12.6	.956	.957	.958	.960	.961	.962	.963	.965	.966	.967
12.7	.955	.957	.958	.959	.960	.962	.963	.964	.966	.967
12.8	.955	.956	.958	.959	.960	.961	.963	.964	.965	.966
12.9	.955	.956	.957	.958	.960	.961	.962	.963	.965	.966
13.0	.954	.955	.957	.958	.959	.960	.962	.963	.964	.965
13.1	.954	.955	.956	.958	.959	.960	.961	.963	.964	.965
13.2	.953	.955	.956	.957	.958	.960	.961	.962	.963	.965
13.3	.953	.954	.955	.957	.958	.959	.960	.962	.963	.964
13.4	.952	.954	.955	.956	.957	.959	.960	.961	.963	.964
13.5	.952	.953	.955	.956	.957	.958	.960	.961	.962	.963
13.6	.952	.953	.954	.955	.957	.958	.959	.960	.962	.963
13.7	.951	.952	.954	.955	.956	.957	.959	.960	.961	.962
13.8	.951	.952	.953	.955	.956	.957	.958	.960	.961	.962
13.9	.950	.952	.953	.954	.955	.957	.958	.959	.960	.962
14.0	.950	.951	.952	.954	.955	.956	.957	.959	.960	.961
14.1	.949	.951	.952	.953	.955	.956	.957	.958	.960	.961
14.2	.949	.950	.952	.953	.954	.955	.957	.958	.959	.960
14.3	.949	.950	.951	.952	.954	.955	.956	.957	.959	.960
14.4	.948	.949	.951	.952	.953	.954	.956	.957	.958	.959
14.5	.948	.949	.950	.951	.953	.954	.955	.957	.958	.959
14.6	.947	.949	.950	.951	.952	.954	.955	.956	.957	.959
14.7	.947	.948	.949	.951	.952	.953	.954	.956	.957	.958
14.8	.946	.948	.949	.950	.951	.953	.954	.955	.956	.958
14.9	.946	.947	.949	.950	.951	.952	.954	.955	.956	.957
15.0	.946	.947	.948	.949	.951	.952	.953	.954	.956	.957

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
15.1	0.945	0.946	0.948	0.949	0.950	0.951	0.953	0.954	0.955	0.956
15.2	.945	.946	.947	.948	.950	.951	.952	.953	.955	.956
15.3	.944	.946	.947	.948	.949	.951	.952	.953	.954	.956
15.4	.944	.945	.946	.948	.949	.950	.951	.953	.954	.955
15.5	.943	.945	.946	.947	.948	.950	.951	.952	.953	.955
15.6	.943	.944	.945	.947	.948	.949	.950	.952	.953	.954
15.7	.943	.944	.945	.946	.948	.949	.950	.951	.953	.954
15.8	.942	.943	.945	.946	.947	.948	.950	.951	.952	.953
15.9	.942	.943	.944	.945	.947	.948	.949	.950	.952	.953
16.0	.941	.942	.944	.945	.946	.947	.949	.950	.951	.952
16.1	.941	.942	.943	.945	.946	.947	.948	.950	.951	.952
16.2	.940	.942	.943	.944	.945	.947	.948	.949	.950	.952
16.3	.940	.941	.942	.944	.945	.946	.947	.949	.950	.951
16.4	.940	.941	.942	.943	.945	.946	.947	.948	.949	.951
16.5	.939	.940	.942	.943	.944	.945	.947	.948	.949	.950
16.6	.939	.940	.941	.942	.944	.945	.946	.947	.949	.950
16.7	.938	.939	.941	.942	.943	.944	.946	.947	.948	.949
16.8	.938	.939	.940	.941	.943	.944	.945	.946	.948	.949
16.9	.937	.939	.940	.941	.942	.944	.945	.946	.947	.948
17.0	.937	.938	.939	.941	.942	.943	.944	.946	.947	.948
17.1	.936	.938	.939	.940	.941	.943	.944	.945	.946	.948
17.2	.936	.937	.938	.940	.941	.942	.943	.945	.946	.947
17.3	.936	.937	.938	.939	.941	.942	.943	.944	.945	.947
17.4	.935	.936	.938	.939	.940	.941	.943	.944	.945	.946
17.5	.935	.936	.937	.938	.940	.941	.942	.943	.945	.946
17.6	.934	.935	.937	.938	.939	.940	.942	.943	.944	.945
17.7	.934	.935	.936	.938	.939	.940	.941	.942	.944	.945
17.8	.933	.935	.936	.937	.938	.940	.941	.942	.943	.945
17.9	.933	.934	.935	.937	.938	.939	.940	.942	.943	.944
18.0	.932	.934	.935	.936	.937	.939	.940	.941	.942	.944
18.1	.932	.933	.935	.936	.937	.938	.939	.941	.942	.943
18.2	.932	.933	.934	.935	.937	.938	.939	.940	.942	.943
18.3	.931	.932	.934	.935	.936	.937	.939	.940	.941	.942
18.4	.931	.932	.933	.934	.936	.937	.938	.939	.941	.942
18.5	.930	.932	.933	.934	.935	.936	.938	.939	.940	.941
18.6	.930	.931	.932	.934	.935	.936	.937	.938	.940	.941
18.7	.929	.931	.932	.933	.934	.936	.937	.938	.939	.940
18.8	.929	.930	.931	.933	.934	.935	.936	.938	.939	.940
18.9	.929	.930	.931	.932	.933	.935	.936	.937	.938	.940
19.0	.928	.929	.931	.932	.933	.934	.935	.937	.938	.939
19.1	.928	.929	.930	.931	.933	.934	.935	.936	.937	.939
19.2	.927	.928	.930	.931	.932	.933	.935	.936	.937	.938
19.3	.927	.928	.929	.930	.932	.933	.934	.935	.937	.938
19.4	.926	.927	.929	.930	.931	.932	.934	.935	.936	.937
19.5	.926	.927	.928	.929	.931	.932	.933	.934	.936	.937
19.6	.925	.927	.928	.929	.930	.932	.933	.934	.935	.936
19.7	.925	.926	.927	.929	.930	.931	.932	.934	.935	.936
19.8	.924	.926	.927	.928	.929	.931	.932	.933	.934	.936
19.9	.924	.925	.926	.928	.929	.930	.931	.933	.934	.935
20.0	.924	.925	.926	.927	.929	.930	.931	.932	.933	.935

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
20.1	0.923	0.924	0.926	0.927	0.928	0.929	0.930	0.932	0.933	0.934
20.2	.923	.924	.925	.926	.928	.929	.930	.931	.932	.934
20.3	.922	.923	.925	.926	.927	.928	.930	.931	.932	.933
20.4	.922	.923	.924	.925	.927	.928	.929	.930	.932	.933
20.5	.921	.923	.924	.925	.926	.927	.929	.930	.931	.932
20.6	.921	.922	.923	.925	.926	.927	.928	.929	.931	.932
20.7	.920	.922	.923	.924	.925	.927	.928	.929	.930	.931
20.8	.920	.921	.922	.924	.925	.926	.927	.929	.930	.931
20.9	.920	.921	.922	.923	.924	.926	.927	.928	.929	.931
21.0	.919	.920	.922	.923	.924	.925	.926	.928	.929	.930
21.1	.919	.920	.921	.922	.924	.925	.926	.927	.928	.930
21.2	.918	.919	.921	.922	.923	.924	.926	.927	.928	.929
21.3	.918	.919	.920	.921	.923	.924	.925	.926	.928	.929
21.4	.917	.918	.920	.921	.922	.923	.925	.926	.927	.928
21.5	.917	.918	.919	.921	.922	.923	.924	.925	.927	.928
21.6	.916	.918	.919	.920	.921	.922	.924	.925	.926	.927
21.7	.916	.917	.918	.920	.921	.922	.923	.924	.926	.927
21.8	.915	.917	.918	.919	.920	.922	.923	.924	.925	.926
21.9	.915	.916	.917	.919	.920	.921	.922	.924	.925	.926
22.0	.915	.916	.917	.918	.919	.921	.922	.923	.924	.925
22.1	.914	.915	.917	.918	.919	.920	.921	.923	.924	.925
22.2	.914	.915	.916	.917	.918	.920	.921	.922	.923	.925
22.3	.913	.914	.916	.917	.918	.919	.920	.922	.923	.924
22.4	.913	.914	.915	.916	.918	.919	.920	.921	.922	.924
22.5	.912	.913	.915	.916	.917	.918	.920	.921	.922	.923
22.6	.912	.913	.914	.915	.917	.918	.919	.920	.921	.923
22.7	.911	.913	.914	.915	.916	.917	.919	.920	.921	.922
22.8	.911	.912	.913	.915	.916	.917	.918	.919	.921	.922
22.9	.910	.912	.913	.914	.915	.916	.918	.919	.920	.921
23.0	.910	.911	.912	.914	.915	.916	.917	.918	.920	.921
23.1	.909	.911	.912	.913	.914	.916	.917	.918	.919	.920
23.2	.909	.910	.911	.913	.914	.915	.916	.917	.919	.920
23.3	.909	.910	.911	.912	.913	.915	.916	.917	.918	.919
23.4	.908	.909	.911	.912	.913	.914	.915	.917	.918	.919
23.5	.908	.909	.910	.911	.912	.914	.915	.916	.917	.918
23.6	.907	.908	.910	.911	.912	.913	.914	.916	.917	.918
23.7	.907	.908	.909	.910	.911	.913	.914	.915	.916	.918
23.8	.906	.907	.909	.910	.911	.912	.913	.915	.916	.917
23.9	.906	.907	.908	.909	.911	.912	.913	.914	.915	.917
24.0	.905	.906	.908	.909	.910	.911	.913	.914	.915	.916
24.1	.905	.906	.907	.908	.910	.911	.912	.913	.914	.916
24.2	.904	.906	.907	.908	.909	.910	.912	.913	.914	.915
24.3	.904	.905	.906	.907	.909	.910	.911	.912	.914	.915
24.4	.903	.905	.906	.907	.908	.909	.911	.912	.913	.914
24.5	.903	.904	.905	.907	.908	.909	.910	.911	.913	.914
24.6	.902	.904	.905	.906	.907	.908	.910	.911	.912	.913
24.7	.902	.903	.904	.906	.907	.908	.909	.910	.912	.913
24.8	.902	.903	.904	.905	.906	.908	.909.	.910	.911	.912
24.9	.901	.902	.903	.905	.906	.907	.908	.909	.911	.912
25.0	.901	.902	.903	.904	.905	.907	.908	.909	.910	.911

TABLE 8.—Factors for reduction of saturated volumes to 0° C. dry and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
25.1	0.900	0.901	0.902	0.904	0.905	0.906	0.907	0.909	0.910	0.911
25.2	.900	.901	.902	.903	.904	.906	.907	.908	.909	.910
25.3	.899	.900	.902	.903	.904	.905	.906	.908	.909	.910
25.4	.899	.900	.901	.902	.903	.905	.906	.907	.908	.910
25.5	.898	.899	.901	.902	.903	.904	.905	.907	.908	.909
25.6	.898	.899	.900	.901	.903	.904	.905	.906	.907	.909
25.7	.897	.898	.900	.901	.902	.903	.904	.906	.907	.908
25.8	.897	.898	.899	.900	.902	.903	.904	.905	.906	.908
25.9	.896	.897	.899	.900	.901	.902	.903	.905	.906	.907
26.0	.896	.897	.898	.899	.901	.902	.903	.904	.905	.907
26.1	.895	.897	.898	.899	.900	.901	.903	.904	.905	.906
26.2	.895	.896	.897	.898	.900	.901	.902	.903	.904	.906
26.3	.894	.896	.897	.898	.899	.900	.902	.903	.904	.905
26.4	.894	.895	.896	.897	.899	.900	.901	.902	.903	.905
26.5	.893	.895	.896	.897	.898	.899	.901	.902	.903	.904
26.6	.893	.894	.895	.896	.898	.899	.900	.901	.902	.904
26.7	.892	.894	.895	.896	.897	.898	.900	.901	.902	.903
26.8	.892	.893	.894	.896	.897	.898	.899	.900	.902	.903
26.9	.891	.893	.894	.895	.896	.897	.899	.900	.901	.902
27.0	.891	.892	.893	.895	.896	.897	.898	.899	.901	.902
27.1	.890	.892	.893	.894	.895	.896	.898	.899	.900	.901
27.2	.890	.891	.892	.894	.895	.896	.897	.898	.900	.901
27.3	.889	.891	.892	.893	.894	.895	.897	.898	.899	.900
27.4	.889	.890	.891	.893	.894	.895	.896	.897	.899	.900
27.5	.889	.890	.891	.892	.893	.894	.896	.897	.898	.899
27.6	.888	.889	.890	.892	.893	.894	.895	.896	.898	.899
27.7	.888	.889	.890	.891	.892	.894	.895	.896	.897	.898
27.8	.887	.888	.889	.891	.892	.893	.894	.895	.897	.898
27.9	.887	.888	.889	.890	.891	.893	.894	.895	.896	.897
28.0	.886	.887	.888	.890	.891	.892	.893	.894	.896	.897
28.1	.886	.887	.888	.889	.890	.892	.893	.894	.895	.896
28.2	.885	.886	.887	.889	.890	.891	.892	.893	.895	.896
28.3	.885	.886	.887	.888	.889	.891	.892	.893	.894	.895
28.4	.884	.885	.886	.888	.889	.890	.891	.892	.894	.895
28.5	.884	.885	.886	.887	.888	.890	.891	.892	.893	.894
28.6	.883	.884	.885	.887	.888	.889	.890	.891	.893	.894
28.7	.883	.884	.885	.886	.887	.889	.890	.891	.892	.893
28.8	.882	.883	.884	.886	.887	.888	.889	.890	.892	.893
28.9	.882	.883	.884	.885	.886	.888	.889	.890	.891	.892
29.0	.881	.882	.883	.885	.886	.887	.888	.889	.891	.892
29.1	.881	.882	.883	.884	.885	.887	.888	.889	.890	.891
29.2	.880	.881	.882	.884	.885	.886	.887	.888	.890	.891
29.3	.880	.881	.882	.883	.884	.886	.887	.888	.889	.890
29.4	.879	.880	.881	.883	.884	.885	.886	.887	.889	.890
29.5	.879	.880	.881	.882	.883	.885	.886	.887	.888	.889
29.6	.878	.879	.880	.882	.883	.884	.885	.886	.888	.889
29.7	.878	.879	.880	.881	.882	.884	.885	.886	.887	.888
29.8	.877	.878	.879	.881	.882	.883	.884	.885	.887	.888
29.9	.877	.878	.879	.880	.881	.883	.884	.885	.886	.887
30.0	.876	.877	.878	.880	.881	.882	.883	.884	.886	.887

TABLE 9.

Logarithms for reduction of volumes to 0°C. and 760 mm. pressure $\left(\frac{1}{1+0.00367\,t} \times \frac{p}{760}\right)$;

t = temperature, p = barometric pressure corrected for scale correction.

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
10.1	9.97319	9.97378	9.97437	9.97495	9.97553	9.97612	9.97670	9.97728	9.97786	9.97844
10.2	97304	97363	97422	97480	97538	97597	97655	97713	97771	97829
10.3	97288	97347	97406	97464	97522	97581	97639	97697	97755	97813
10.4	97273	97332	97391	97449	97507	97566	97624	97682	97740	97798
10.5	97258	97317	97376	97434	97492	97551	97609	97667	97725	97783
10.6	97243	97302	97361	97419	97477	97536	97594	97652	97710	97768
10.7	97227	97286	97345	97403	97461	97520	97578	97636	97694	97752
10.8	97212	97271	97330	97388	97446	97505	97563	97621	97679	97737
10.9	97197	97256	97315	97373	97431	97490	97548	97606	97664	97722
11.0	97181	97240	97299	97357	97415	97474	97532	97590	97648	97706
11.1	97166	97225	97284	97342	97400	97459	97517	97575	97633	97691
11.2	97151	97210	97269	97327	97385	97444	97502	97560	97618	97676
11.3	97135	97194	97253	97311	97369	97428	97486	97544	97602	97660
11.4	97120	97179	97238	97296	97354	97413	97471	97529	97587	97645
11.5	97105	97164	97223	97281	97339	97398	97456	97514	97572	97630
11.6	97089	97148	97207	97265	97323	97382	97440	97498	97556	97614
11.7	97074	97133	97192	97250	97308	97367	97425	97483	97541	97599
11.8	97059	97118	97177	97235	97293	97352	97410	97468	97526	97584
11.9	97044	97103	97162	97220	97278	97337	97395	97453	97511	97569
12.0	97028	97087	97146	97204	97262	97321	97379	97437	97495	97553
12.1	97013	97072	97131	97189	97247	97306	97364	97422	97480	97538
12.2	96998	97057	97116	97174	97232	97291	97349	97407	97465	97523
12.3	96983	97042	97101	97159	97217	97276	97334	97392	97450	97508
12.4	96967	97026	97085	97143	97201	97260	97318	97376	97434	97492
12.5	96952	97011	97070	97128	97186	97245	97303	97361	97419	97477
12.6	96937	96996	97055	97113	97171	97230	97288	97346	97404	97462
12.7	96922	96981	97040	97098	97156	97215	97273	97331	97389	97447
12.8	96906	96965	97024	97082	97140	97199	97257	97315	97373	97431
12.9	96891	96950	97009	97067	97125	97184	97242	97300	97358	97416
13.0	96876	96935	96994	97052	97110	97169	97227	97285	97343	97401
13.1	96861	96920	96979	97037	97095	97154	97212	97270	97328	97386
13.2	96845	96904	96963	97021	97079	97138	97196	97254	97312	97370
13.3	96830	96889	96948	97006	97064	97123	97181	97239	97297	97355
13.4	96815	96874	96933	96991	97049	97108	97166	97224	97282	97340
13.5	96800	96859	96918	96976	97034	97093	97151	97209	97267	97325
13.6	96784	96843	96902	96960	97018	97077	97135	97193	97251	97309
13.7	96770	96829	96888	96946	97004	97063	97121	97179	97237	97295
13.8	96754	96813	96872	96930	96988	97047	97105	97163	97221	97279
13.9	96739	96798	96857	96915	96973	97032	97090	97148	97206	97264
14.0	96724	96783	96842	96900	96958	97017	97075	97133	97191	97249
14.1	96709	96768	96827	96885	96943	97002	97060	97118	97176	97234
14.2	96694	96753	96812	96870	96928	96987	97045	97103	97161	97219
14.3	96679	96738	96797	96855	96913	96972	97030	97088	97146	97204
14.4	96663	96722	96781	96839	96897	96956	97014	97072	97130	97188
14.5	96648	96707	96766	96824	96882	96941	96999	97057	97115	97173
14.6	96633	96692	96751	96809	96867	96926	96984	97042	97100	97158
14.7	96618	96677	96736	96794	96852	96911	96969	97027	97085	97143
14.8	96603	96662	96721	96779	96837	96896	96954	97012	97070	97128
14.9	96588	96647	96706	96764	96822	96881	96939	96997	97055	97113
15.0	96573	96632	96691	96749	96807	96866	96924	96982	97040	97098

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
15.1	9.96558	9.96617	9.96676	9.96734	9.96792	9.96851	9.96909	9.96967	9.97025	9.97083
15.2	96543	96602	96661	96719	96777	96836	96894	96952	97010	97068
15.3	96527	96586	96645	96703	96761	96820	96878	96936	96994	97052
15.4	96512	96571	96630	96688	96746	96805	96863	96921	96979	97037
15.5	96497	96556	96615	96673	96731	96790	96848	96906	96964	97022
15.6	96482	96541	96600	96658	96716	96775	96833	96891	96949	97007
15.7	96467	96526	96585	96643	96701	96760	96818	96876	96934	96992
15.8	96452	96511	96570	96628	96686	96745	96803	96861	96919	96977
15.9	96437	96496	96555	96613	96671	96730	96788	96846	96904	96962
16.0	96422	96481	96540	96598	96656	96715	96773	96831	96889	96947
16.1	96407	96466	96525	96583	96641	96700	96758	96816	96874	96932
16.2	96392	96451	96510	96568	96626	96685	96743	96801	96859	96917
16.3	96377	96436	96495	96553	96611	96670	96728	96786	96844	96902
16.4	96362	96421	96480	96538	96596	96655	96713	96771	96829	96887
16.5	96347	96406	96465	96523	96581	96640	96698	96756	96814	96872
16.6	96332	96391	96450	96508	96566	96625	96683	96741	96799	96857
16.7	96317	96376	96435	96493	96551	96610	96668	96726	96784	96842
16.8	96302	96361	96420	96478	96536	96595	96653	96711	96769	96827
16.9	96287	96346	96405	96463	96521	96580	96638	96696	96754	96812
17.0	96272	96331	96390	96448	96506	96565	96623	96681	96739	96797
17.1	96257	96316	96375	96433	96491	96550	96608	96666	96724	96782
17.2	96242	96301	96360	96418	96476	96535	96593	96651	96709	96767
17.3	96227	96286	96345	96403	96461	96520	96578	96636	96694	96752
17.4	96212	96271	96330	96388	96446	96505	96563	96621	96679	96737
17.5	96197	96256	96315	96373	96431	96490	96548	96606	96664	96722
17.6	96182	96241	96300	96358	96416	96475	96533	96591	96649	96707
17.7	96167	96226	96285	96343	96401	96460	96518	96576	96634	96692
17.8	96152	96211	96270	96328	96386	96445	96503	96561	96619	96677
17.9	96137	96196	96255	96313	96371	96430	96488	96546	96604	96662
18.0	96122	96181	96240	96298	96356	96415	96473	96531	96589	96647
18.1	96107	96166	96225	96283	96341	96400	96458	96516	96574	96632
18.2	96092	96151	96210	96268	96326	96385	96443	96501	96559	96617
18.3	96077	96136	96195	96253	96311	96370	96428	96486	96544	96602
18.4	96062	96121	96180	96238	96296	96355	96413	96471	96529	96587
18.5	96047	96106	96165	96223	96281	96340	96398	96456	96514	96572
18.6	96032	96091	96150	96208	96266	96325	96383	96441	96499	96557
18.7	96017	96076	96135	96193	96251	96310	96368	96426	96484	96542
18.8	96002	96061	96120	96178	96236	96295	96353	96411	96469	96527
18.9	95988	96047	96106	96164	96222	96281	96339	96397	96455	96513
19.0	95973	96032	96091	96149	96207	96266	96324	96382	96440	96498
19.1	95958	96017	96076	96134	96192	96251	96309	96367	96425	96483
19.2	95943	96002	96061	96119	96177	96236	96294	96352	96410	96468
19.3	95928	95987	96046	96104	96162	96221	96279	96337	96395	96453
19.4	95913	95972	96031	96089	96147	96206	96264	96322	96380	96438
19.5	95898	95957	96016	96074	96132	96191	96249	96307	96365	96423
19.6	95883	95942	96001	96059	96117	96176	96234	96292	96350	96408
19.7	95868	95927	95986	96044	96102	96161	96219	96277	96335	96393
19.8	95854	95913	95972	96030	96088	96147	96205	96263	96321	96379
19.9	*95839*	95898	95957	96015	96073	96132	96190	96248	96306	96364
20.0	*95824*	*95883*	*95942*	96000	96058	96117	96175	96233	96291	96349

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. ° C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
20.1	9.95809	9.95868	9.95927.	9.95985.	9.96043	9.96102	9.96160	9.96218	9.96276	9.96334
20.2	95794	95853	95912	95970	96028	96087	96145	96203	96261	96319
20.3	95779	95838	95897	95955	96013	96072	96130	96188	96246	96304
20.4	95764	95823	95882	95940	95998	96057	96115	96173	96231	96289
20.5	95750	95809	95868	95926	95984	96043	96101	96159	96217	96275
20.6	95735	95794	95853	95911	95969	96028	96086	96144	96202	96260
20.7	95720	95779	95838	95896	95954	96013	96071	96129	96187	96245
20.8	95705	95764	95823	95881	95939	95998	96056	96114	96172	96230
20.9	95690	95749	95808	95866	95924	95983	96041	96099	96157	96215
21.0	95676	95735	95794	95852	95910	95969	96027	96085	96143	96201
21.1	95661	95720	95779	95837	95895	95954	96012	96070	96128	96186
21.2	95646	95705	95764	95822	95880	95939	95997	96055	96113	96171
21.3	95631	95690	95749	95807	95865	95924	95982	96040	96098	96156
21.4	95616	95675	95734	95792	95850	95909	95967	96025	96083	96141
21.5	95602	95661	95720	95778	95836	95895	95953	96011	96069	96127
21.6	95587	95646	95705	95763	95821	95880	95938	95996	96054	96112
21.7	95572	95631	95690	95748	95806	95865	95923	95981	96039	96097
21.8	95557	95616	95675	95733	95791	95850	95908	95966	96024	96082
21.9	95543	95602	95661	95719	95777	95836	95894	95952	96010	96068
22.0	95528	95587	95646	95704	95762	95821	95879	95937	95995	96053
22.1	95513	95572	95631	95689	95747	95806	95864	95922	95980	96038
22.2	95498	95557	95616	95674	95732	95791	95849	95907	95965	96023
22.3	95484	95543	95602	95660	95718	95777	95835	95893	95951	96009
22.4	95469	95528	95587	95645	95703	95762	95820	95878	95936	95994
22.5	95454	95513	95572	95630	95688	95747	95805	95863	95921	95979
22.6	95439	95498	95557	95615	95673	95732	95790	95848	95906	95964
22.7	95425	95484	95543	95601	95659	95718	95776	95834	95892	95950
22.8	95410	95469	95528	95586	95644	95703	95761	95819	95877	95935
22.9	95395	95454	95513	95571	95629	95688	95746	95804	95862	95920
23.0	95381	95440	95499	95557	95615	95674	95732	95790	95848	95906
23.1	95366	95425	95484	95542	95600	95659	95717	95775	95833	95891
23.2	95351	95410	95469	95527	95585	95644	95702	95760	95818	95876
23.3	95337	95396	95455	95513	95571	95630	95688	95746	95804	95862
23.4	95322	95381	95440	95498	95556	95615	95673	95731	95789	95847
23.5	95307	95366	95425	95483	95541	95600	95658	95716	95774	95832
23.6	95293	95352	95411	95469	95527	95586	95644	95702	95760	95818
23.7	95278	95337	95396	95454	95512	95571	95629	95687	95745	95803
23.8	95263	95322	95381	95439	95497	95556	95614	95672	95730	95788
23.9	95248	95307	95366	95424	95482	95541	95599	95657	95715	95773
24.0	95234	95293	95352	95410	95468	95527	95585	95643	95701	95759
24.1	95219	95278	95337	95395	95453	95512	95570	95628	95686	95744
24.2	95205	95264	95323	95381	95439	95498	95556	95614	95672	95730
24.3	95190	95249	95308	95366	95424	95483	95541	95599	95657	95715
24.4	95175	95234	95293	95351	95409	95468	95526	95584	95642	95700
24.5	95161	95220	95279	95337	95395	95454	95512	95570	95628	95686
24.6	95146	95205	95264	95322	95380	95439	95497	95555	95613	95671
24.7	95132	95191	95250	95308	95366	95425	95483	95541	95599	95657
24.8	95117	95176	95235	95293	95351	95410	95468	95526	95584	95642
24.9	95102	95161	95220	95278	95336	95395	95453	95511	95569	95627
25.0	95088	95147	95206	95264	95322	95381	95439	95497	95555	95613

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. ° C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
25.1	9.95073	9.95132	9.95191	9.95249	9.95307	9.95366	9.95424	9.95482	9.95540	9.95598
25.2	95058	95117	95176	95234	95292	95351	95409	95467	95525	95583
25.3	95044	95103	95162	95220	95278	95337	95395	95453	95511	95569
25.4	95029	95088	95147	95205	95263	95322	95380	95438	95496	95554
25.5	95015	95074	95133	95191	95249	95308	95366	95424	95482	95540
25.6	95000	95059	95118	95176	95234	95293	95351	95409	95467	95525
25.7	94986	95045	95104	95162	95220	95279	95337	95395	95453	95511
25.8	94971	95030	95089	95147	95205	95264	95322	95380	95438	95496
25.9	94956	95015	95074	95132	95190	95249	95307	95365	95423	95481
26.0	94942	95001	95060	95118	95176	95235	95293	95351	95409	95467
26.1	94927	94986	95045	95103	95161	95220	95278	95336	95394	95452
26.2	94913	94972	95031	95089	95147	95206	95264	95322	95380	95438
26.3	94898	94957	95016	95074	95132	95191	95249	95307	95365	95423
26.4	94884	94943	95002	95060	95118	95177	95235	95293	95351	95409
26.5	94869	94928	94987	95045	95103	95162	95220	95278	95336	95394
26.6	94855	94914	94973	95031	95089	95148	95206	95264	95322	95380
26.7	94840	94899	94958	95016	95074	95133	95191	95249	95307	95365
26.8	94826	94885	94944	95002	95060	95119	95177	95235	95293	95351
26.9	94811	94870	94929	94987	95045	95104	95162	95220	95278	95336
27.0	94797	94856	94915	94973	95031	95090	95148	95206	95264	95322
27.1	94782	94841	94900	94958	95016	95075	95133	95191	95249	95307
27.2	94768	94827	94886	94944	95002	95061	95119	95177	95235	95293
27.3	94752	94811	94870	94928	94986	95045	95103	95161	95219	95277
27.4	94739	94798	94857	94915	94973	95032	95090	95148	95206	95264
27.5	94724	94783	94842	94900	94958	95017	95075	95133	95191	95249
27.6	94710	94769	94828	94886	94944	95003	95061	95119	95177	95235
27.7	94695	94754	94813	94871	94929	94988	95046	95104	95162	95220
27.8	94681	94740	94799	94857	94915	94974	95032	95090	95148	95206
27.9	94666	94725	94784	94842	94900	94959	95017	95075	95133	95191
28.0	94652	94711	94770	94828	94886	94945	95003	95061	95119	95177
28.1	94637	94696	94755	94813	94871	94930	94988	95046	95104	95162
28.2	94623	94682	94741	94799	94857	94916	94974	95032	95090	95148
28.3	94609	94668	94727	94785	94843	94902	94960	95018	95076	95134
28.4	94594	94653	94712	94770	94828	94887	94945	95003	95061	95119
28.5	94580	94639	94698	94756	94814	94873	94931	94989	95047	95105
28.6	94565	94624	94683	94741	94799	94858	94916	94974	95032	95090
28.7	94551	94610	94669	94727	94785	94844	94902	94960	95018	95076
28.8	94536	94595	94654	94712	94770	94829	94887	94945	95003	95061
28.9	94522	94581	94640	94698	94756	94815	94873	94931	94989	95047
29.0	94508	94567	94626	94684	94742	94801	94859	94917	94975	95033
29.1	94493	94552	94611	94669	94727	94786	94844	94902	94960	95018
29.2	94479	94538	94597	94655	94713	94772	94830	94888	94946	95004
29.3	94464	94523	94582	94640	94698	94757	94815	94873	94931	94989
29.4	94450	94509	94568	94626	94684	94743	94801	94859	94917	94975
29.5	94436	94495	94554	94612	94670	94729	94787	94845	94903	94961
29.6	94421	94480	94539	94597	94655	94714	94772	94830	94888	94946
29.7	94407	94466	94525	94583	94641	94700	94758	94816	94874	94932
29.8	94393	94452	94511	94569	94627	94686	94744	94802	94860	94918
29.9	*94378*	*94437*	94496	94554	94612	94671	94729	94787	94845	94903
30.0	*94364*	*94423*	*94482*	94540	94598	94657	94715	94773	94831	94889

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
10.1	9.97902	9.97959	9.98017	9.98075	9.98132	9.98190	9.98247	9.98305	9.98362	9.98419
10.2	97887	97944	98002	98060	98117	98175	98232	98290	98347	98404
10.3	97871	97928	97986	98044	98101	98159	98216	98274	98331	98388
10.4	97856	97913	97971	98029	98086	98144	98201	98259	98316	98373
10.5	97841	97898	97956	98014	98071	98129	98186	98244	98301	98358
10.6	97826	97883	97941	97999	98056	98114	98171	98229	98286	98343
10.7	97810	97867	97925	97983	98040	98098	98155	98213	98270	98327
10.8	97795	97852	97910	97968	98025	98083	98140	98198	98255	98312
10.9	97780	97837	97895	97953	98010	98068	98125	98183	98240	98297
11.0	97764	97821	97879	97937	97994	98052	98109	98167	98224	98281
11.1	97749	97806	97864	97922	97979	98037	98094	98152	98209	98266
11.2	97734	97791	97849	97907	97964	98022	98079	98137	98194	98251
11.3	97718	97775	97833	97891	97948	98006	98063	98121	98178	98235
11.4	97703	97760	97818	97876	97933	97991	98048	98106	98163	98220
11.5	97688	97745	97803	97861	97918	97976	98033	98091	98148	98205
11.6	97672	97729	97787	97845	97902	97960	98017	98075	98132	98189
11.7	97657	97714	97772	97830	97887	97945	98002	98060	98117	98174
11.8	97642	97699	97757	97815	97872	97930	97987	98045	98102	98159
11.9	97627	97684	97742	97800	97857	97915	97972	98030	98087	98144
12.0	97611	97668	97726	97784	97841	97899	97956	98014	98071	98128
12.1	97596	97653	97711	97769	97826	97884	97941	97999	98056	98113
12.2	97581	97638	97696	97754	97811	97869	97926	97984	98041	98098
12.3	97566	97623	97681	97739	97796	97854	97911	97969	98026	98083
12.4	97550	97607	97665	97723	97780	97838	97895	97953	98010	98067
12.5	97535	97592	97650	97708	97765	97823	97880	97938	97995	98052
12.6	97520	97577	97635	97693	97750	97808	97865	97923	97980	98037
12.7	97505	97562	97620	97678	97735	97793	97850	97908	97965	98022
12.8	97489	97546	97604	97662	97719	97777	97834	97892	97949	98006
12.9	97474	97531	97589	97647	97704	97762	97819	97877	97934	97991
13.0	97459	97516	97574	97632	97689	97747	97804	97862	97919	97976
13.1	97444	97501	97559	97617	97674	97732	97789	97847	97904	97961
13.2	97428	97485	97543	97601	97658	97716	97773	97831	97888	97945
13.3	97413	97470	97528	97586	97643	97701	97758	97816	97873	97930
13.4	97398	97455	97513	97571	97628	97686	97743	97801	97858	97915
13.5	97383	97440	97498	97556	97613	97671	97728	97786	97843	97900
13.6	97367	97424	97482	97540	97597	97655	97712	97770	97827	97884
13.7	97353	97410	97468	97526	97583	97641	97698	97756	97813	97870
13.8	97337	97394	97452	97510	97567	97625	97682	97740	97797	97854
13.9	97322	97379	97437	97495	97552	97610	97667	97725	97782	97839
14.0	97307	97364	97422	97480	97537	97595	97652	97710	97767	97824
14.1	97292	97349	97407	97465	97522	97580	97637	97695	97752	97809
14.2	97277	97334	97392	97450	97507	97565	97622	97680	97737	97794
14.3	97262	97319	97377	97435	97492	97550	97607	97665	97722	97779
14.4	97246	97303	97361	97419	97476	97534	97591	97649	97706	97763
14.5	97231	97288	97346	97404	97461	97519	97576	97634	97691	97748
14.6	97216	97273	97331	97389	97446	97504	97561	97619	97676	97733
14.7	97201	97258	97316	97374	97431	97489	97546	97604	97661	97718
14.8	97186	97243	97301	97359	97416	97474	97531	97589	97646	97703
14.9	97171	97228	97286	97344	97401	97459	97516	97574	97631	97688
15.0	97156	97213	97271	97329	97386	97444	97501	97559	97616	97673

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
15.1	9.97141	9.97198	9.97256	9.97314	9.97371	9.97429	9.97486	9.97544	9.97601	9.97658
15.2	97126	97183	97241	97299	97356	97414	97471	97529	97586	97643
15.3	97110	97167	97225	97283	97340	97398	97455	97513	97570	97627
15.4	97095	97152	97210	97268	97325	97383	97440	97498	97555	97612
15.5	97080	97137	97195	97253	97310	97368	97425	97483	97540	97597
15.6	97065	97122	97180	97238	97295	97353	97410	97468	97525	97582
15.7	97050	97107	97165	97223	97280	97338	97395	97453	97510	97567
15.8	97035	97092	97150	97208	97265	97323	97380	97438	97495	97552
15.9	97020	97077	97135	97193	97250	97308	97365	97423	97480	97537
16.0	97005	97062	97120	97178	97235	97293	97350	97408	97465	97522
16.1	96990	97047	97105	97163	97220	97278	97335	97393	97450	97507
16.2	96975	97032	97090	97148	97205	97263	97320	97378	97435	97492
16.3	96960	97017	97075	97133	97190	97248	97305	97363	97420	97477
16.4	96945	97002	97060	97118	97175	97233	97290	97348	97405	97462
16.5	96930	96987	97045	97103	97160	97218	97275	97333	97390	97447
16.6	96915	96972	97030	97088	97145	97203	97260	97318	97375	97432
16.7	96900	96957	97015	97073	97130	97188	97245	97303	97360	97417
16.8	96885	96942	97000	97058	97115	97173	97230	97288	97345	97402
16.9	96870	96927	96985	97043	97100	97158	97215	97273	97330	97387
17.0	96855	96912	96970	97028	97085	97143	97200	97258	97315	97372
17.1	96840	96897	96955	97013	97070	97128	97185	97243	97300	97357
17.2	96825	96882	96940	96998	97055	97113	97170	97228	97285	97342
17.3	96810	96867	96925	96983	97040	97098	97155	97213	97270	97327
17.4	96795	96852	96910	96968	97025	97083	97140	97198	97255	97312
17.5	96780	96837	96895	96953	97010	97068	97125	97183	97240	97297
17.6	96765	96822	96880	96938	96995	97053	97110	97168	97225	97282
17.7	96750	96807	96865	96923	96980	97038	97095	97153	97210	97267
17.8	96735	96792	96850	96908	96965	97023	97080	97138	97195	97252
17.9	96720	96777	96835	96893	96950	97008	97065	97123	97180	97237
18.0	96705	96762	96820	96878	96935	96993	97050	97108	97165	97222
18.1	96690	96747	96805	96863	96920	96978	97035	97093	97150	97207
18.2	96675	96732	96790	96848	96905	96963	97020	97078	97135	97192
18.3	96660	96717	96775	96833	96890	96948	97005	97063	97120	97177
18.4	96645	96702	96760	96818	96875	96933	96990	97048	97105	97162
18.5	96630	96687	96745	96803	96860	96918	96975	97033	97090	97147
18.6	96615	96672	96730	96788	96845	96903	96960	97018	97075	97132
18.7	96600	96657	96715	96773	96830	96888	96945	97003	97060	97117
18.8	96585	96642	96700	96758	96815	96873	96930	96988	97045	97102
18.9	96571	96628	96686	96744	96801	96859	96916	96974	97031	97088
19.0	96556	96613	96671	96729	96786	96844	96901	96959	97016	97073
19.1	96541	96598	96656	96714	96771	96829	96886	96944	97001	97058
19.2	96526	96583	96641	96699	96756	96814	96871	96929	96986	97043
19.3	96511	96568	96626	96684	96741	96799	96856	96914	96971	97028
19.4	96496	96553	96611	96669	96726	96784	96841	96899	96956	97013
19.5	96481	96538	96596	96654	96711	96769	96826	96884	96941	96998
19.6	96466	96523	96581	96639	96696	96754	96811	96869	96926	96983
19.7	96451	96508	96566	96624	96681	96739	96796	96854	96911	96968
19.8	96437	96494	96552	96610	96667	96725	96782	96840	96897	96954
19.9	96422	96479	96537	96595	96652	96710	96767	96825	96882	96939
20.0	*96407*	*96464*	*96522*	96580	96637	96695	96752	96810	96867	96924

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
20.1	9.96392	9.96449	9.96507	9.96565	9.96622	9.96680	9.96737	9.96795	9.96852	9.96909
20.2	96377	96434	96492	96550	96607	96665	96722	96780	96837	96894
20.3	96362	96419	96477	96535	96592	96650	96707	96765	96822	96879
20.4	96347	96404	96462	96520	96577	96635	96692	96750	96807	96864
20.5	96333	96390	96448	96506	96563	96621	96678	96736	96793	96850
20.6	96318	96375	96433	96491	96548	96606	96663	96721	96778	96835
20.7	96303	96360	96418	96476	96533	96591	96648	96706	96763	96820
20.8	96288	96345	96403	96461	96518	96576	96633	96691	96748	96805
20.9	96273	96330	96388	96446	96503	96561	96618	96676	96733	96790
21.0	96259	96316	96374	96432	96489	96547	96604	96662	96719	96776
21.1	96244	96301	96359	96417	96474	96532	96589	96647	96704	96761
21.2	96229	96286	96344	96402	96459	96517	96574	96632	96789	96746
21.3	96214	96271	96329	96387	96444	96502	96559	96617	96674	96731
21.4	96199	96256	96314	96372	96429	96487	96544	96602	96659	96716
21.5	96185	96242	96300	96358	96415	96473	96530	96588	96645	96702
21.6	96170	96227	96285	96343	96400	96458	96515	96573	96630	96687
21.7	96155	96212	96270	96328	96385	96443	96500	96558	96615	96672
21.8	96140	96197	96255	96313	96370	96428	96485	96543	96600	96657
21.9	96126	96183	96241	96299	96356	96414	96471	96529	96586	96643
22.0	96111	96168	96226	96284	96341	96399	96456	96514	96571	96628
22.1	96096	96153	96211	96269	96326	96384	96441	96499	96556	96613
22.2	96081	96138	96196	96254	96311	96369	96426	96484	96541	96598
22.3	96067	96124	96182	96240	96297	96355	96412	96470	96527	96584
22.4	96052	96109	96167	96225	96282	96340	96397	96455	96512	96569
22.5	96037	96094	96152	96210	96267	96325	96382	96440	96497	96554
22.6	96022	96079	96137	96195	96252	96310	96367	96425	96482	96539
22.7	96008	96065	96123	96181	96238	96296	96353	96411	96468	96525
22.8	95993	96050	96108	96166	96223	96281	96338	96396	96453	96510
22.9	95978	96035	96093	96151	96208	96266	96323	96381	96438	96495
23.0	95964	96021	96079	96137	96194	96252	96309	96367	96424	96481
23.1	95949	96006	96064	96122	96179	96237	96294	96352	96409	96466
23.2	95934	95991	96049	96107	96164	96222	96279	96337	96394	96451
23.3	95920	95977	96035	96093	96150	96208	96265	96323	96380	96437
23.4	95905	95962	96020	96078	96135	96193	96250	96308	96365	96422
23.5	95890	95947	96005	96063	96120	96178	96235	96293	96350	96407
23.6	95876	95933	95991	96049	96106	96164	96221	96279	96336	96393
23.7	95861	95918	95976	96034	96091	96149	96206	96264	96321	96378
23.8	95846	95903	95961	96019	96076	96134	96191	96249	96306	96363
23.9	95831	95888	95946	96004	96061	96119	96176	96234	96291	96348
24.0	95817	95874	95932	95990	96047	96105	96162	96220	96277	96334
24.1	95802	95859	95917	95975	96032	96090	96147	96205	96262	96319
24.2	95788	95845	95903	95961	96018	96076	96133	96191	96248	96305
24.3	95773	95830	95888	95946	96003	96061	96118	96176	96233	96290
24.4	95758	95815	95873	95931	95988	96046	96103	96161	96218	96275
24.5	95744	95801	95859	95917	95974	96032	96089	96147	96204	96261
24.6	95729	95786	95844	95902	95959	96017	96074	96132	96189	96246
24.7	95715	95772	95830	95888	95945	96003	96060	96118	96175	96232
24.8	95700	95757	95815	95873	95930	95988	96045	96103	96160	96217
24.9	95685	95742	95800	95858	95915	95973	96030	96088	96145	96202
25.0	95671	95728	95786	95844	95901	95959	96016	96074	96131	96188

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
25.1	9.95656	9.95713	9.95771	9.95829	9.95886	9.95944	9.96001	9.96059	9.96116	9.96173
25.2	95641	95698	95756	95814	95871	95929	95986	96044	96101	96158
25.3	95627	95684	95742	95800	95857	95915	95972	96030	96087	96144
25.4	95612	95669	95727	95785	95842	95900	95957	96015	96072	96129
25.5	95598	95655	95713	95771	95828	95886	95943	96001	96058	96115
25.6	95583	95640	95698	95756	95813	95871	95928	95986	96043	96100
25.7	95569	95626	95684	95742	95799	95857	95914	95972	96029	96086
25.8	95554	95611	95669	95727	95784	95842	95899	95957	96014	96071
25.9	95539	95596	95654	95712	95769	95827	95884	95942	95999	96056
26.0	95525	95582	95640	95698	95755	95813	95870	95928	95985	96042
26.1	95510	95567	95625	95683	95740	95798	95855	95913	95970	96027
26.2	95496	95553	95611	95669	95726	95784	95841	95899	95956	96013
26.3	95481	95538	95596	95654	95711	95769	95826	95884	95941	95998
26.4	95467	95524	95582	95640	95697	95755	95812	95870	95927	95984
26.5	95452	95509	95567	95625	95682	95740	95797	95855	95912	95969
26.6	95438	95495	95553	95611	95668	95726	95783	95841	95898	95955
26.7	95423	95480	95538	95596	95653	95711	95768	95826	95883	95940
26.8	95409	95466	95524	95582	95639	95697	95754	95812	95869	95926
26.9	95394	95451	95509	95567	95624	95682	95739	95797	95854	95911
27.0	95380	95437	95495	95553	95610	95668	95725	95783	95840	95897
27.1	95365	95422	95480	95538	95595	95653	95710	95768	95825	95882
27.2	95351	95408	95466	95524	95581	95639	95696	95754	95811	95868
27.3	95335	95392	95450	95508	95565	95623	95680	95738	95795	95852
27.4	95322	95379	95437	95495	95552	95610	95667	95725	95782	95839
27.5	95307	95364	95422	95480	95537	95595	95652	95710	95767	95824
27.6	95293	95350	95408	95466	95523	95581	95638	95696	95753	95810
27.7	95278	95335	95393	95451	95508	95566	95623	95681	95738	95795
27.8	95264	95321	95379	95437	95494	95552	95609	95667	95724	95781
27.9	95249	95306	95364	95422	95479	95537	95594	95652	95709	95766
28.0	95235	95292	95350	95408	95465	95523	95580	95638	95695	95752
28.1	95220	95277	95335	95393	95450	95508	95565	95623	95680	95737
28.2	95206	95263	95321	95379	95436	95494	95551	95609	95666	95723
28.3	95192	95249	95307	95365	95422	95480	95537	95595	95652	95709
28.4	95177	95234	95292	95350	95407	95465	95522	95580	95637	95694
28.5	95163	95220	95278	95336	95393	95451	95508	95566	95623	95680
28.6	95148	95205	95263	95321	95378	95436	95493	95551	95608	95665
28.7	95134	95191	95249	95307	95364	95422	95479	95537	95594	95651
28.8	95119	95176	95234	95292	95349	95407	95464	95522	95579	95636
28.9	95105	95162	95220	95278	95335	95393	95450	95508	95565	95622
29.0	95091	95148	95206	95264	95321	95379	95436	95494	95551	95608
29.1	95076	95133	95191	95249	95306	95364	95421	95479	95536	95593
29.2	95062	95119	95177	95235	95292	95350	95407	95465	95522	95579
29.3	95047	95104	95162	95220	95277	95335	95392	95450	95507	95564
29.4	95033	95090	95148	95206	95263	95321	95378	95436	95493	95550
29.5	95019	95076	95134	95192	95249	95307	95364	95422	95479	95536
29.6	95004	95061	95119	95177	95234	95292	95349	95407	95464	95521
29.7	94990	95047	95105	95163	95220	95278	95335	95393	95450	95507
29.8	94976	95033	95091	95149	95206	95264	95321	95379	95436	95493
29.9	94961	95018	95076	95134	95191	95249	95306	55364	95421	95478
30.0	*94947*	95004	95062	95120	95177	95235	95292	95350	95407	95464

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
10.1	9.98476	9.98533	9.98590	9.98647	9.98704	9.98761	9.98817	9.98874	9.98930	9.98987
10.2	98461	98518	98575	98632	98689	98746	98802	98859	98915	98972
10.3	98445	98502	98559	98616	98673	98730	98786	98843	98899	98956
10.4	98430	98487	98544	98601	98658	98715	98771	98828	98884	98941
10.5	98415	98472	98529	98586	98643	98700	98756	98813	98869	98926
10.6	98400	98457	98514	98571	98628	98685	98741	98798	98854	98911
10.7	98384	98441	98498	98555	98612	98669	98725	98782	98838	98895
10.8	98369	98426	98483	98540	98597	98654	98710	98767	98823	98880
10.9	98354	98411	98468	98525	98582	98639	98695	98752	98808	98865
11.0	98338	98395	98452	98509	98566	98623	98679	98736	98792	98849
11.1	98323	98380	98437	98494	98551	98608	98664	98721	98777	98834
11.2	98308	98365	98422	98479	98536	98593	98649	98706	98762	98819
11.3	98292	98349	98406	98463	98520	98577	98633	98690	98746	98803
11.4	98277	98334	98391	98448	98505	98562	98618	98675	98731	98788
11.5	98262	98319	98376	98433	98490	98547	98603	98660	98716	98773
11.6	98246	98303	98360	98417	98474	98531	98587	98644	98700	98757
11.7	98231	98288	98345	98402	98459	98516	98572	98629	98685	98742
11.8	98216	98273	98330	98387	98444	98501	98557	98614	98670	98727
11.9	98201	98258	98315	98372	98429	98486	98542	98599	98655	98712
12.0	98185	98242	98299	98356	98413	98470	98526	98583	98639	98696
12.1	98170	98227	98284	98341	98398	98455	98511	98568	98624	98681
12.2	98155	98212	98269	98326	98383	98440	98496	98553	98609	98666
12.3	98140	98197	98254	98311	98368	98425	98481	98538	98594	98651
12.4	98124	98181	98238	98295	98352	98409	98465	98522	98578	98635
12.5	98109	98166	98223	98280	98337	98394	98450	98507	98563	98620
12.6	98094	98151	98208	98265	98322	98379	98435	98492	98548	98605
12.7	98079	98136	98193	98250	98307	98364	98420	98477	98533	98590
12.8	98063	98120	98177	98234	98291	98348	98404	98461	98517	98574
12.9	98048	98105	98162	98219	98276	98333	98389	98446	98502	98559
13.0	98033	98090	98147	98204	98261	98318	98374	98431	98487	98544
13.1	98018	98075	98132	98189	98246	98303	98359	98416	98472	98529
13.2	98002	98059	98116	98173	98230	98287	98343	98400	98456	98513
13.3	97987	98044	98101	98158	98215	98272	98328	98385	98441	98498
13.4	97972	98029	98086	98143	98200	98257	98313	98370	98426	98483
13.5	97957	98014	98071	98128	98185	98242	98298	98355	98411	98468
13.6	97941	97998	98055	98112	98169	98226	98282	98339	98395	98452
13.7	97927	97984	98041	98098	98155	98212	98268	98325	98381	98438
13.8	97911	97968	98025	98082	98139	98196	98252	98309	98365	98422
13.9	97896	97953	98010	98067	98124	98181	98237	98294	98350	98407
14.0	97881	97938	97995	98052	98109	98166	98222	98279	98335	98392
14.1	97866	97923	97980	98037	98094	98151	98207	98264	98320	98377
14.2	97851	97908	97965	98022	98079	98136	98192	98249	98305	98362
14.3	97836	97893	97950	98007	98064	98121	98177	98234	98290	98347
14.4	97820	97877	97934	97991	98048	98105	98161	98218	98274	98331
14.5	97805	97862	97919	97976	98033	98090	98146	98203	98259	98316
14.6	97790	97847	97904	97961	98018	98075	98131	98188	98244	98301
14.7	97775	97832	97889	97946	98003	98060	98116	98173	98229	98286
14.8	97760	97817	97874	97931	97988	98045	98101	98158	98214	98271
14.9	97745	97802	97859	97916	97973	98030	98086	98143	98199	98256
15.0	97730	97787	97844	97901	97958	98015	98071	98128	98184	98241

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
15.1	9.97715	9.97772	9.97829	9.97886	9.97943	9.98000	9.98056	9.98113	9.98169	9.98226
15.2	97700	97757	97814	97871	97928	97985	98041	98098	98154	98211
15.3	97684	97741	97798	97855	97912	97969	98025	98082	98138	98195
15.4	97669	97726	97783	97840	97897	97954	98010	98067	98123	98180
15.5	97654	97711	97768	97825	97882	97939	97995	98052	98108	98165
15.6	97639	97696	97753	97810	97867	97924	97980	98037	98093	98150
15.7	97624	97681	97738	97795	97852	97909	97965	98022	98078	98135
15.8	97609	97666	97723	97780	97837	97894	97950	98007	98063	98120
15.9	97594	97651	97708	97765	97822	97879	97935	97992	98048	98105
16.0	97579	97636	97693	97750	97807	97864	97920	97977	98033	98090
16.1	97564	97621	97678	97735	97792	97849	97905	97962	98018	98075
16.2	97549	97606	97663	97720	97777	97834	97890	97947	98003	98060
16.3	97534	97591	97648	97705	97762	97819	97875	97932	97988	98045
16.4	97519	97576	97633	97690	97747	97804	97860	97917	97973	98030
16.5	97504	97561	97618	97675	97732	97789	97845	97902	97958	98015
16.6	97489	97546	97603	97660	97717	97774	97830	97887	97943	98000
16.7	97474	97531	97588	97645	97702	97759	97815	97872	97928	97985
16.8	97459	97516	97573	97630	97687	97744	97800	97857	97913	97970
16.9	97444	97501	97558	97615	97672	97729	97785	97842	97898	97955
17.0	97429	97486	97543	97600	97657	97714	97770	97827	97883	97940
17.1	97414	97471	97528	97585	97642	97699	97755	97812	97868	97925
17.2	97399	97456	97513	97570	97627	97684	97740	97797	97853	97910
17.3	97384	97441	97498	97555	97612	97669	97725	97782	97838	97895
17.4	97369	97426	97483	97540	97597	97654	97710	97767	97823	97880
17.5	97354	97411	97468	97525	97582	97639	97695	97752	97808	97865
17.6	97339	97396	97453	97510	97567	97624	97680	97737	97793	97850
17.7	97324	97381	97438	97495	97552	97609	97665	97722	97778	97835
17.8	97309	97366	97423	97480	97537	97594	97650	97707	97763	97820
17.9	97294	97351	97408	97465	97522	97579	97635	97692	97748	97805
18.0	97279	97336	97393	97450	97507	97564	97620	97677	97733	97790
18.1	97264	97321	97378	97435	97492	97549	97605	97662	97718	97775
18.2	97249	97306	97363	97420	97477	97534	97590	97647	97703	97760
18.3	97234	97291	97348	97405	97462	97519	97575	97632	97688	97745
18.4	97219	97276	97333	97390	97447	97504	97560	97617	97673	97730
18.5	97204	97261	97318	97375	97432	97489	97545	97602	97658	97715
18.6	97189	97246	97303	97360	97417	97474	97530	97587	97643	97700
18.7	97174	97231	97288	97345	97402	97459	97515	97572	97628	97685
18.8	97159	97216	97273	97330	97387	97444	97500	97557	97613	97670
18.9	97145	97202	97259	97316	97373	97430	97486	97543	97599	97656
19.0	97130	97187	97244	97301	97358	97415	97471	97528	97584	97641
19.1	97115	97172	97229	97286	97343	97400	97456	97513	97569	97626
19.2	97100	97157	97214	97271	97328	97385	97441	97498	97554	97611
19.3	97085	97142	97199	97256	97313	97370	97426	97483	97539	97596
19.4	97070	97127	97184	97241	97298	97355	97411	97468	97524	97581
19.5	97055	97112	97169	97226	97283	97340	97396	97453	97509	97566
19.6	97040	97097	97154	97211	97268	97325	97381	97438	97494	97551
19.7	97025	97082	97139	97196	97253	97310	97366	97423	97479	97536
19.8	97011	97068	97125	97182	97239	97296	97352	97409	97465	97522
19.9	96996	97053	97110	97167	97224	97281	97337	97394	97450	97507
20.0	*96981*	*97038*	97095	97152	97209	97266	97322	97379	97435	97492

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
20.1	9.96966	9.97023	9.97080	9.97137	9.97194	9.97251	9.97307	9.97364	9.97420	9.97477
20.2	96951	97008	97065	97122	97179	97236	97292	97349	97405	97462
20.3	96936	96993	97050	97107	97164	97221	97277	97334	97390	97447
20.4	96921	96978	97035	97092	97149	97206	97262	97319	97375	97432
20.5	96907	96964	97021	97078	97135	97192	97248	97305	97361	97418
20.6	96892	96949	97006	97063	97120	97177	97233	97290	97346	97403
20.7	96877	96934	96991	97048	97105	97162	97218	97275	97331	97388
20.8	96862	96919	96976	97033	97090	97147	97203	97260	97316	97373
20.9	96847	96904	96961	97018	97075	97132	97188	97245	97301	97358
21.0	96833	96890	96947	97004	97061	97118	97174	97231	97287	97344
21.1	96818	96875	96932	96989	97046	97103	97159	97216	97272	97329
21.2	96803	96860	96917	96974	97031	97088	97144	97201	97257	97314
21.3	96788	96845	96902	96959	97016	97073	97129	97186	97242	97299
21.4	96773	96830	96887	96944	97001	97058	97114	97171	97227	97284
21.5	96759	96816	96873	96930	96987	97044	97100	97157	97213	97270
21.6	96744	96801	96858	96915	96972	97029	97085	97142	97198	97255
21.7	96729	96786	96843	96900	96957	97014	97070	97127	97183	97240
21.8	96714	96771	96828	96885	96942	96999	97055	97112	97168	97225
21.9	96700	96757	96814	96871	96928	96985	97041	97098	97154	97211
22.0	96685	96742	96799	96856	96913	96970	97026	97083	97139	97196
22.1	96670	96727	96784	96841	96898	96955	97011	97068	97124	97181
22.2	96655	96712	96769	96826	96883	96940	96996	97053	97109	97166
22.3	96641	96698	96755	96812	96869	96926	96982	97039	97095	97152
22.4	96626	96683	96740	96797	96854	96911	96967	97024	97080	97137
22.5	96611	96668	96725	96782	96839	96896	96952	97009	97065	97122
22.6	96596	96653	96710	96767	96824	96881	96937	96994	97050	97107
22.7	96582	96639	96696	96753	96810	96867	96923	96980	97036	97093
22.8	96567	96624	96681	96738	96795	96852	96908	96965	97021	97078
22.9	96552	96609	96666	96723	96780	96837	96893	96950	97006	97063
23.0	96538	96595	96652	96709	96766	96823	96879	96936	96992	97049
23.1	96523	96580	96637	96694	96751	96808	96864	96921	96977	97034
23.2	96508	96565	96622	96679	96736	96793	96849	96906	96962	97019
23.3	96494	96551	96608	96665	96722	96779	96835	96892	96948	97005
23.4	96479	96536	96593	96650	96707	96764	96820	96877	96933	96990
23.5	96464	96521	96578	96635	96692	96749	96805	96862	96918	96975
23.6	96450	96507	96564	96621	96678	96735	96791	96848	96904	96961
23.7	96435	96492	96549	96606	96663	96720	96776	96833	96889	96946
23.8	96420	96477	96534	96591	96648	96705	96761	96818	96874	96931
23.9	96405	96462	96519	96576	96633	96690	96746	96803	96859	96916
24.0	96391	96448	96505	96562	96619	96676	96732	96789	96845	96902
24.1	96376	96433	96490	96547	96604	96661	96717	96774	96830	96887
24.2	96362	96419	96476	96533	96590	96647	96703	96760	96816	96873
24.3	96347	96404	96461	96518	96575	96632	96688	96745	96801	96858
24.4	96332	96389	96446	96503	96560	96617	96673	96730	96786	96843
24.5	96318	96375	96432	96489	96546	96603	96659	96716	96772	96829
24.6	96303	96360	96417	96474	96531	96588	96644	96701	96757	96814
24.7	96289	96346	96403	96460	96517	96574	96630	96687	96743	96800
24.8	96274	96331	96388	96445	96502	96559	96615	96672	96728	96785
24.9	96259	96316	96373	96430	96487	96544	96600	96657	96713	96770
25.0	96245	96302	96359	96416	96473	96530	96586	96643	96699	96756

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
25.1	9.96230	9.96287	9.96344	9.96401	9.96458	9.96515	9.96571	9.96628	9.96684	9.96741
25.2	96215	96272	96329	96386	96443	96500	96556	96613	96669	96726
25.3	96201	96258	96315	96372	96429	96486	96542	96599	96655	96712
25.4	96186	96243	96300	96357	96414	96471	96527	96584	96640	96697
25.5	96172	96229	96286	96343	96400	96457	96513	96570	96626	96683
25.6	96157	96214	96271	96328	96385	96442	96498	96555	96611	96668
25.7	96143	96200	96257	96314	96371	96428	96484	96541	96597	96654
25.8	96128	96185	96242	96299	96356	96413	96469	96526	96582	96639
25.9	96113	96170	96227	96284	96341	96398	96454	96511	96567	96624
26.0	96099	96156	96213	96270	96327	96384	96440	96497	96553	96610
26.1	96084	96141	96198	96255	96312	96369	96425	96482	96538	96595
26.2	96070	96127	96184	96241	96298	96355	96411	96468	96524	96581
26.3	96055	96112	96169	96226	96283	96340	96396	96453	96509	96566
26.4	96041	96098	96155	96212	96269	96326	96382	96439	96495	96552
26.5	96026	96083	96140	96197	96254	96311	96367	96424	96480	96537
26.6	96012	96069	96126	96183	96240	96297	96353	96410	96466	96523
26.7	95997	96054	96111	96168	96225	96282	96338	96395	96451	96508
26.8	95983	96040	96097	96154	96211	96268	96324	96381	96437	96494
26.9	95968	96025	96082	96139	96196	96253	96309	96366	96422	96479
27.0	95954	96011	96068	96125	96182	96239	96295	96352	96408	96465
27.1	95939	95996	96053	96110	96167	96224	96280	96337	96393	96450
27.2	95925	95982	96039	96096	96153	96210	96266	96323	96379	96436
27.3	95909	95966	96023	96080	96137	96194	96250	96307	96363	96420
27.4	95896	95953	96010	96067	96124	96181	96237	96294	96350	96407
27.5	95881	95938	95995	96052	96109	96166	96222	96279	96335	96392
27.6	95867	95924	95981	96038	96095	96152	96208	96265	96321	96378
27.7	95852	95909	95966	96023	96080	96137	96193	96250	96306	96363
27.8	95838	95895	95952	96009	96066	96123	96179	96236	96292	96349
27.9	95823	95880	95937	95994	96051	96108	96164	96221	96277	96334
28.0	95809	95866	95923	95980	96037	96094	96150	96207	96263	96320
28.1	95794	95851	95908	95965	96022	96079	96135	96192	96248	96305
28.2	95780	95837	95894	95951	96008	96065	96121	96178	96234	96291
28.3	95766	95823	95880	95937	95994	96051	96107	96164	96220	96277
28.4	95751	95808	95865	95922	95979	96036	96092	96149	96205	96262
28.5	95737	95794	95851	95908	95965	96022	96078	96135	96191	96248
28.6	95722	95779	95836	95893	95950	96007	96063	96120	96176	96233
28.7	95708	95765	95822	95879	95936	95993	96049	96106	96162	96219
28.8	95693	95750	95807	95864	95921	95978	96034	96091	96147	96204
28.9	95679	95736	95793	95850	95907	95964	96020	96077	96133	96190
29.0	95665	95722	95779	95836	95893	95950	96006	96063	96119	96176
29.1	95650	95707	95764	95821	95878	95935	95991	96048	96104	96161
29.2	95636	95693	95750	95807	95864	95921	95977	96034	96090	96147
29.3	95621	95678	95735	95792	95849	95906	95962	96019	96075	96132
29.4	95607	95664	95721	95778	95835	95892	95948	96005	96061	96118
29.5	95593	95650	95707	95764	95821	95878	95934	95991	96047	96104
29.6	95578	95635	95692	95749	95806	95863	95919	95976	96032	96089
29.7	95564	95621	95678	95735	95792	95849	95905	95962	96018	96075
29.8	95550	95607	95664	95721	95778	95835	95891	95948	96004	96061
29.9	*95535*	95592	95649	95706	95763	95820	95876	95933	95989	96046
30.0	*95521*	*95578*	*95635*	95692	95749	95806	95862	95919	95975	96032

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
10.1	9.99043	9.99099	9.99156	9.99212	9.99268	9.99324	9.99380	9.99436	9.99491	9.99547
10.2	99028	99084	99141	99197	99253	99309	99365	99421	99476	99532
10.3	99012	99068	99125	99181	99237	99293	99349	99405	99460	99516
10.4	98997	99053	99110	99166	99222	99278	99334	99390	99445	99501
10.5	98982	99038	99095	99151	99207	99263	99319	99375	99430	99486
10.6	98967	99023	99080	99136	99192	99248	99304	99360	99415	99471
10.7	98951	99007	99064	99120	99176	99232	99288	99344	99399	99455
10.8	98936	98992	99049	99105	99161	99217	99273	99329	99384	99440
10.9	98921	98977	99034	99090	99146	99202	99258	99314	99369	99425
11.0	98905	98961	99018	99074	99130	99186	99242	99298	99353	99409
11.1	98890	98946	99003	99059	99115	99171	99227	99283	99338	99394
11.2	98875	98931	98988	99044	99100	99156	99212	99268	99323	99379
11.3	98859	98915	98972	99028	99084	99140	99196	99252	99307	99363
11.4	98844	98900	98957	99013	99069	99125	99181	99237	99292	99348
11.5	98829	98885	98942	98998	99054	99110	99166	99222	99277	99333
11.6	98813	98869	98926	98982	99038	99094	99150	99206	99261	99317
11.7	98798	98854	98911	98967	99023	99079	99135	99191	99246	99302
11.8	98783	98839	98896	98952	99008	99064	99120	99176	99231	99287
11.9	98768	98824	98881	98937	98993	99049	99105	99161	99216	99272
12.0	98752	98808	98865	98921	98977	99033	99089	99145	99200	99256
12.1	98737	98793	98850	98906	98962	99018	99074	99130	99185	99241
12.2	98722	98778	98835	98891	98947	99003	99059	99115	99170	99226
12.3	98707	98763	98820	98876	98932	98988	99044	99100	99155	99211
12.4	98691	98747	98804	98860	98916	98972	99028	99084	99139	99195
12.5	98676	98732	98789	98845	98901	98957	99013	99069	99124	99180
12.6	98661	98717	98774	98830	98886	98942	98998	99054	99109	99165
12.7	98646	98702	98759	98815	98871	98927	98983	99039	99094	99150
12.8	98630	98686	98743	98799	98855	98911	98967	99023	99078	99134
12.9	98615	98671	98728	98784	98840	98896	98952	99008	99063	99119
13.0	98600	98656	98713	98769	98825	98881	98937	98993	99048	99104
13.1	98585	98641	98698	98754	98810	98866	98922	98978	99033	99089
13.2	98569	98625	98682	98738	98794	98850	98906	98962	99017	99073
13.3	98554	98610	98667	98723	98779	98835	98891	98947	99002	99058
13.4	98539	98595	98652	98708	98764	98820	98876	98932	98987	99043
13.5	98524	98580	98637	98693	98749	98805	98861	98917	98972	99028
13.6	98508	98564	98621	98677	98733	98789	98845	98901	98956	99012
13.7	98494	98550	98607	98663	98719	98775	98831	98887	98942	98998
13.8	98478	98534	98591	98647	98703	98759	98815	98871	98926	98982
13.9	98463	98519	98576	98632	98688	98744	98800	98856	98911	98967
14.0	98448	98504	98561	98617	98673	98729	98785	98841	98896	98952
14.1	98433	98489	98546	98602	98658	98714	98770	98826	98881	98937
14.2	98418	98474	98531	98587	98643	98699	98755	98811	98866	98922
14.3	98403	98459	98516	98572	98628	98684	98740	98796	98851	98907
14.4	98387	98443	98500	98556	98612	98668	98724	98780	98835	98891
14.5	98372	98428	98485	98541	98597	98653	98709	98765	98820	98876
14.6	98357	98413	98470	98526	98582	98638	98694	98750	98805	98861
14.7	98342	98398	98455	98511	98567	98623	98679	98735	98790	98846
14.8	98327	98383	98440	98496	98552	98608	98664	98720	98775	98831
14.9	98312	98368	98425	98481	98537	98593	98649	98705	98760	98816
15.0	98297	98353	98410	98466	98522	98578	98634	98690	98745	98801

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
15.1	9.98282	9.98338	9.98395	9.98451	9.98507	9.98563	9.98619	9.98675	9.98730	9.98786
15.2	98267	98323	98380	98436	98492	98548	98604	98660	98715	98771
15.3	98251	98307	98364	98420	98476	98532	98588	98644	98699	98755
15.4	98236	98292	98349	98405	98461	98517	98573	98629	98684	98740
15.5	98221	98277	98334	98390	98446	98502	98558	98614	98669	98725
15.6	98206	98262	98319	98375	98431	98487	98543	98599	98654	98710
15.7	98191	98247	98304	98360	98416	98472	98528	98584	98639	98695
15.8	98176	98232	98289	98345	98401	98457	98513	98569	98624	98680
15.9	98161	98217	98274	98330	98386	98442	98498	98554	98609	98665
16.0	98146	98202	98259	98315	98371	98427	98483	98539	98594	98650
16.1	98131	98187	98244	98300	98356	98412	98468	98524	98579	98635
16.2	98116	98172	98229	98285	98341	98397	98453	98509	98564	98620
16.3	98101	98157	98214	98270	98326	98382	98438	98494	98549	98605
16.4	98086	98142	98199	98255	98311	98367	98423	98479	98534	98590
16.5	98071	98127	98184	98240	98296	98352	98408	98464	98519	98575
16.6	98056	98112	98169	98225	98281	98337	98393	98449	98504	98560
16.7	98041	98097	98154	98210	98266	98322	98378	98434	98489	98545
16.8	98026	98082	98139	98195	98251	98307	98363	98419	98474	98530
16.9	98011	98067	98124	98180	98236	98292	98348	98404	98459	98515
17.0	97996	98052	98109	98165	98221	98277	98333	98389	98444	98500
17.1	97981	98037	98094	98150	98206	98262	98318	98374	98429	98485
17.2	97966	98022	98079	98135	98191	98247	98303	98359	98414	98470
17.3	97951	98007	98064	98120	98176	98232	98288	98344	98399	98455
17.4	97936	97992	98049	98105	98161	98217	98273	98329	98384	98440
17.5	97921	97977	98034	98090	98146	98202	98258	98314	98369	98425
17.6	97906	97962	98019	98075	98131	98187	98243	98299	98354	98410
17.7	97891	97947	98004	98060	98116	98172	98228	98284	98339	98395
17.8	97876	97932	97989	98045	98101	98157	98213	98269	98324	98380
17.9	97861	97917	97974	98030	98086	98142	98198	98254	98309	98365
18.0	97846	97902	97959	98015	98071	98127	98183	98239	98294	98350
18.1	97831	97887	97944	98000	98056	98112	98168	98224	98279	98335
18.2	97816	97872	97929	97985	98041	98097	98153	98209	98264	98320
18.3	97801	97857	97914	97970	98026	98082	98138	98194	98249	98305
18.4	97786	97842	97899	97955	98011	98067	98123	98179	98234	98290
18.5	97771	97827	97884	97940	97996	98052	98108	98164	98219	98275
18.6	97756	97812	97869	97925	97981	98037	98093	98149	98204	98260
18.7	97741	97797	97854	97910	97966	98022	98078	98134	98189	98245
18.8	97726	97782	97839	97895	97951	98007	98063	98119	98174	98230
18.9	97712	97768	97825	97881	97937	97993	98049	98105	98160	98216
19.0	97697	97753	97810	97866	97922	97978	98034	98090	98145	98201
19.1	97682	97738	97795	97851	97907	97963	98019	98075	98130	98186
19.2	97667	97723	97780	97836	97892	97948	98004	98060	98115	98171
19.3	97652	97708	97765	97821	97877	97933	97989	98045	98100	98156
19.4	97637	97693	97750	97806	97862	97918	97974	98030	98085	98141
19.5	97622	97678	97735	97791	97847	97903	97959	98015	98070	98126
19.6	97607	97663	97720	97776	97832	97888	97944	98000	98055	98111
19.7	97592	97648	97705	97761	97817	97873	97929	97985	98040	98096
19.8	97578	97634	97691	97747	97803	97859	97915	97971	98026	98082
19.9	*97563*	97619	97676	97732	97788	97844	97900	97956	98011	98067
20.0	*97548*	*97604*	97661	97717	97773	97829	97885	97941	97996	98052

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
20.1	9.97533	9.97589	9.97646	9.97702	9.97758	9.97814	9.97870	9.97926	9.97981	9.98037
20.2	97518	97574	97631	97687	97743	97799	97855	97911	97966	98022
20.3	97503	97559	97616	97672	97728	97784	97840	97896	97951	98007
20.4	97488	97544	97601	97657	97713	97769	97825	97881	97936	97992
20.5	97474	97530	97587	97643	97699	97755	97811	97867	97922	97978
20.6	97459	97515	97572	97628	97684	97740	97796	97852	97907	97963
20.7	97444	97500	97557	97613	97669	97725	97781	97837	97892	97948
20.8	97429	97485	97542	97598	97654	97710	97766	97822	97877	97933
20.9	97414	97470	97527	97583	97639	97695	97751	97807	97862	97918
21.0	97400	97456	97513	97569	97625	97681	97737	97793	97848	97904
21.1	97385	97441	97498	97554	97610	97666	97722	97778	97833	97889
21.2	97370	97426	97483	97539	97595	97651	97707	97763	97818	97874
21.3	97355	97411	97468	97524	97580	97636	97692	97748	97803	97859
21.4	97340	97396	97453	97509	97565	97621	97677	97733	97788	97844
21.5	97326	97382	97439	97495	97551	97607	97663	97719	97774	97830
21.6	97311	97367	97424	97480	97536	97592	97648	97704	97759	97815
21.7	97296	97352	97409	97465	97521	97577	97633	97689	97744	97800
21.8	97281	97337	97394	97450	97506	97562	97618	97674	97729	97785
21.9	97267	97323	97380	97436	97492	97548	97604	97660	97715	97771
22.0	97252	97308	97365	97421	97477	97533	97589	97645	97700	97756
22.1	97237	97293	97350	97406	97462	97518	97574	97630	97685	97741
22.2	97222	97278	97335	97391	97447	97503	97559	97615	97670	97726
22.3	97208	97264	97321	97377	97433	97489	97545	97601	97656	97712
22.4	97193	97249	97306	97362	97418	97474	97530	97586	97641	97697
22.5	97178	97234	97291	97347	97403	97459	97515	97571	97626	97682
22.6	97163	97219	97276	97332	97388	97444	97500	97556	97611	97667
22.7	97149	97205	97262	97318	97374	97430	97486	97542	97597	97653
22.8	97134	97190	97247	97303	97359	97415	97471	97527	97582	97638
22.9	97119	97175	97232	97288	97344	97400	97456	97512	97567	97623
23.0	97105	97161	97218	97274	97330	97386	97442	97498	97553	97609
23.1	97090	97146	97203	97259	97315	97371	97427	97483	97538	97594
23.2	97075	97131	97188	97244	97300	97356	97412	97468	97523	97579
23.3	97061	97117	97174	97230	97286	97342	97398	97454	97509	97565
23.4	97046	97102	97159	97215	97271	97327	97383	97439	97494	97550
23.5	97031	97087	97144	97200	97256	97312	97368	97424	97479	97535
23.6	97017	97073	97130	97186	97242	97298	97354	97410	97465	97521
23.7	97002	97058	97115	97171	97227	97283	97339	97395	97450	97506
23.8	96987	97043	97100	97156	97212	97268	97324	97380	97435	97491
23.9	96972	97028	97085	97141	97197	97253	97309	97365	97420	97476
24.0	96958	97014	97071	97127	97183	97239	97295	97351	97406	97462
24.1	96943	96999	97056	97112	97168	97224	97280	97336	97391	97447
24.2	96929	96985	97042	97098	97154	97210	97266	97322	97377	97433
24.3	96914	96970	97027	97083	97139	97195	97251	97307	97362	97418
24.4	96899	96955	97012	97068	97124	97180	97236	97292	97347	97403
24.5	96885	96941	96998	97054	97110	97166	97222	97278	97333	97389
24.6	96870	96926	96983	97039	97095	97151	97207	97263	97318	97374
24.7	96856	96912	96969	97025	97081	97137	97193	97249	97304	97360
24.8	96841	96897	96954	97010	97066	97122	97178	97234	97289	97345
24.9	96826	96882	96939	96995	97051	97107	97163	97219	97274	97330
25.0	96812	96868	96925	96981	97037	97093	97149	97205	97260	97316

TABLE 9.—Logarithms for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
25.1	9.96797	9.96853	9.96910	9.96966	9.97022	9.97078	9.97134	9.97190	9.97245	9.97301
25.2	96782	96838	96895	96951	97007	97063	97119	97175	97230	97286
25.3	96768	96824	96881	96937	96993	97049	97105	97161	97216	97272
25.4	96753	96809	96866	96922	96978	97034	97090	97146	97201	97257
25.5	96739	96795	96852	96908	96964	97020	97076	97132	97187	97243
25.6	96724	96780	96837	96893	96949	97005	97061	97117	97172	97228
25.7	96710	96766	96823	96879	96935	96991	97047	97103	97158	97214
25.8	96695	96751	96808	96864	96920	96976	97032	97088	97143	97199
25.9	96680	96736	96793	96849	96905	96961	97017	97073	97128	97184
26.0	96666	96722	96779	96835	96891	96947	97003	97059	97114	97170
26.1	96651	96707	96764	96820	96876	96932	96988	97044	97099	97155
26.2	96637	96693	96750	96806	96862	96918	96974	97030	97085	97141
26.3	96622	96678	96735	96791	96847	96903	96959	97015	97070	97126
26.4	96608	96664	96721	96777	96833	96889	96945	97001	97056	97112
26.5	96593	96649	96706	96762	96818	96874	96930	96986	97041	97097
26.6	96579	96635	96692	96748	96804	96860	96916	96972	97027	97083
26.7	96564	96620	96677	96733	96789	96845	96901	96957	97012	97068
26.8	96550	96606	96663	96719	96775	96831	96887	96943	96998	97054
26.9	96535	96591	96648	96704	96760	96816	96872	96928	96983	97039
27.0	96521	96577	96634	96690	96746	96802	96858	96914	96969	97025
27.1	96506	96562	96619	96675	96731	96787	96843	96899	96954	97010
27.2	96492	96548	96605	96661	96717	96773	96829	96885	96940	96996
27.3	96476	96532	96589	96645	96701	96757	96813	96869	96924	96980
27.4	96463	96519	96576	96632	96688	96744	96800	96856	96911	96967
27.5	96448	96504	96561	96617	96673	96729	96785	96841	96896	96952
27.6	96434	96490	96547	96603	96659	96715	96771	96827	96882	96938
27.7	96419	96475	96532	96588	96644	96700	96756	96812	96867	96923
27.8	96405	96461	96518	96574	96630	96686	96742	96798	96853	96909
27.9	96390	96446	96503	96559	96615	96671	96727	96783	96838	96894
28.0	96376	96432	96489	96545	96601	96657	96713	96769	96824	96880
28.1	96361	96417	96474	96530	96586	96642	96698	96754	96809	96865
28.2	96347	96403	96460	96516	96572	96628	96684	96740	96795	96851
28.3	96333	96389	96446	96502	96558	96614	96670	96726	96781	96837
28.4	96318	96374	96431	96487	96543	96599	96655	96711	96766	96822
28.5	96304	96360	96417	96473	96529	96585	96641	96697	96752	96808
28.6	96289	96345	96402	96458	96514	96570	96626	96682	96737	96793
28.7	96275	96331	96388	96444	96500	96556	96612	96668	96723	96779
28.8	96260	96316	96373	96429	96485	96541	96597	96653	96708	96764
28.9	96246	96302	96359	96415	96471	96527	96583	96639	96694	96750
29.0	96232	96288	96345	96401	96457	96513	96569	96625	96680	96736
29.1	96217	96273	96330	96386	96442	96498	96554	96610	96665	96721
29.2	96203	96259	96316	96372	96428	96484	96540	96596	96651	96707
29.3	96188	96244	96301	96357	96413	96469	96525	96581	96636	96692
29.4	96174	96230	96287	96343	96399	96455	96511	96567	96622	96678
29.5	96160	96216	96273	96329	96385	96441	96497	96553	96608	96664
29.6	96145	96201	96258	96314	96370	96426	96482	96538	96593	96649
29.7	96131	96187	96244	96300	96356	96412	96468	96524	96579	96635
29.8	96117	96173	96230	96286	96342	96398	96454	96510	96565	96621
29.9	96102	96158	96215	96271	96327	96383	96439	96495	96550	96606
30.0	*96088*	*96144*	*96201*	96257	96313	96369	96425	96481	96536	96592

TABLE 10.

Factors for reduction of volumes to 0° C. and 760 mm. pressure $\left(\frac{1}{1+0.00367\,t} \times \frac{p}{760}\right)$; t = temperature, p = barometric pressure corrected for scale correction.

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
10.1	0.940	0.941	0.943	0.944	0.945	0.947	0.948	0.949	0.950	0.952
10.2	.940	.941	.942	.944	.945	.946	.947	.949	.950	.951
10.3	.939	.941	.942	.943	.945	.946	.947	.948	.950	.951
10.4	.939	.940	.942	.943	.944	.946	.947	.948	.949	.951
10.5	.939	.940	.941	.943	.944	.945	.946	.948	.949	.950
10.6	.939	.940	.941	.942	.944	.945	.946	.947	.949	.950
10.7	.938	.939	.941	.942	.943	.945	.946	.947	.948	.950
10.8	.938	.939	.940	.942	.943	.944	.945	.947	.948	.949
10.9	.938	.939	.940	.941	.943	.944	.945	.946	.948	.949
11.0	.937	.938	.940	.941	.942	.944	.945	.946	.947	.949
11.1	.937	.938	.939	.941	.942	.943	.944	.946	.947	.948
11.2	.937	.938	.939	.940	.942	.943	.944	.945	.947	.948
11.3	.936	.937	.939	.940	.941	.943	.944	.945	.946	.948
11.4	.936	.937	.938	.940	.941	.942	.943	.945	.946	.947
11.5	.936	.937	.938	.939	.941	.942	.943	.944	.946	.947
11.6	.935	.936	.938	.939	.940	.942	.943	.944	.945	.947
11.7	.935	.936	.937	.939	.940	.941	.942	.944	.945	.946
11.8	.935	.936	.937	.938	.940	.941	.942	.943	.945	.946
11.9	.934	.935	.937	.938	.939	.941	.942	.943	.944	.946
12.0	.934	.935	.936	.938	.939	.940	.941	.943	.944	.945
12.1	.934	.935	.936	.937	.939	.940	.941	.942	.944	.945
12.2	.933	.934	.936	.937	.938	.940	.941	.942	.943	.945
12.3	.933	.934	.935	.937	.938	.939	.940	.942	.943	.944
12.4	.933	.934	.935	.936	.938	.939	.940	.941	.943	.944
12.5	.932	.934	.935	.936	.937	.939	.940	.941	.942	.944
12.6	.932	.933	.934	.936	.937	.938	.939	.941	.942	.943
12.7	.932	.933	.934	.935	.937	.938	.939	.940	.942	.943
12.8	.931	.933	.934	.935	.936	.938	.939	.940	.941	.943
12.9	.931	.932	.933	.935	.936	.937	.938	.940	.941	.942
13.0	.931	.932	.933	.934	.936	.937	.938	.939	.941	.942
13.1	.930	.932	.933	.934	.935	.937	.938	.939	.940	.942
13.2	.930	.931	.932	.934	.935	.936	.937	.939	.940	.941
13.3	.930	.931	.932	.933	.935	.936	.937	.938	.940	.941
13.4	.929	.931	.932	.933	.934	.936	.937	.938	.939	.941
13.5	.929	.930	.932	.933	.934	.935	.937	.938	.939	.940
13.6	.929	.930	.931	.932	.934	.935	.936	.937	.939	.940
13.7	.928	.930	.931	.932	.933	.935	.936	.937	.938	.940
13.8	.928	.929	.931	.932	.933	.934	.936	.937	.938	.939
13.9	.928	.929	.930	.931	.933	.934	.935	.936	.938	.939
14.0	.927	.929	.930	.931	.932	.934	.935	.936	.937	.939
14.1	.927	.928	.930	.931	.932	.933	.935	.936	.937	.938
14.2	.927	.928	.929	.930	.932	.933	.934	.935	.937	.938
14.3	.926	.928	.929	.930	.931	.933	.934	.935	.936	.938
14.4	.926	.927	.929	.930	.931	.932	.934	.935	.936	.937
14.5	.926	.927	.928	.929	.931	.932	.933	.934	.936	.937
14.6	.925	.927	.928	.929	.930	.932	.933	.934	.935	.937
14.7	.925	.926	.928	.929	.930	.931	.933	.934	.935	.936
14.8	.925	.926	.927	.929	.930	.931	.932	.934	.935	.936
14.9	.924	.926	.927	.928	.929	.931	.932	.933	.934	.936
15.0	.924	.925	.927	.928	.929	.930	.932	.933	.934	.935

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. ° C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
15.1	0.924	0.925	0.926	0.928	0.929	0.930	0.931	0.933	0.934	0.935
15.2	.923	.925	.926	.927	.928	.930	.931	.932	.933	.935
15.3	.923	.924	.926	.927	.928	.929	.931	.932	.933	.934
15.4	.923	.924	.925	.927	.928	.929	.930	.932	.933	.934
15.5	.923	.924	.925	.926	.928	.929	.930	.931	.932	.934
15.6	.922	.923	.925	.926	.927	.928	.930	.931	.932	.933
15.7	.922	.923	.924	.926	.927	.928	.929	.931	.932	.933
15.8	.922	.923	.924	.925	.927	.928	.929	.930	.932	.933
15.9	.921	.922	.924	.925	.926	.927	.929	.930	.931	.932
16.0	.921	.922	.923	.925	.926	.927	.928	.930	.931	.932
16.1	.921	.922	.923	.924	.926	.927	.928	.929	.931	.932
16.2	.920	.922	.923	.924	.925	.927	.928	.929	.930	.931
16.3	.920	.921	.922	.924	.925	.926	.927	.929	.930	.931
16.4	.920	.921	.922	.923	.925	.926	.927	.928	.930	.931
16.5	.919	.921	.922	.923	.924	.926	.927	.928	.929	.931
16.6	.919	.920	.922	.923	.924	.925	.926	.928	.929	.930
16.7	.919	.920	.921	.922	.924	.925	.926	.927	.929	.930
16.8	.918	.920	.921	.922	.923	.925	.926	.927	.928	.930
16.9	.918	.919	.921	.922	.923	.924	.926	.927	.928	.929
17.0	.918	.919	.920	.921	.923	.924	.925	.926	.928	.929
17.1	.917	.919	.920	.921	.922	.924	.925	.926	.927	.929
17.2	.917	.918	.920	.921	.922	.923	.925	.926	.927	.928
17.3	.917	.918	.919	.921	.922	.923	.924	.925	.927	.928
17.4	.916	.918	.919	.920	.921	.923	.924	.925	.926	.928
17.5	.916	.917	.919	.920	.921	.922	.924	.925	.926	.927
17.6	.916	.917	.918	.920	.921	.922	.923	.925	.926	.927
17.7	.916	.917	.918	.919	.920	.922	.923	.924	.925	.927
17.8	.915	.916	.918	.919	.920	.921	.923	.924	.925	.926
17.9	.915	.916	.917	.919	.920	.921	.922	.924	.925	.926
18.0	.915	.916	.917	.918	.920	.921	.922	.923	.924	.926
18.1	.914	.916	.917	.918	.919	.920	.922	.923	.924	.925
18.2	.914	.915	.916	.918	.919	.920	.921	.923	.924	.925
18.3	.914	.915	.916	.917	.919	.920	.921	.922	.924	.925
18.4	.913	.915	.916	.917	.918	.920	.921	.922	.923	.924
18.5	.913	.914	.915	.917	.918	.919	.920	.922	.923	.924
18.6	.913	.914	.915	.916	.918	.919	.920	.921	.923	.924
18.7	.912	.914	.915	.916	.917	.919	.920	.921	.922	.923
18.8	.912	.913	.915	.916	.917	.918	.919	.921	.922	.923
18.9	.912	.913	.914	.915	.917	.918	.919	.920	.922	.923
19.0	.911	.913	.914	.915	.916	.918	.919	.920	.921	.923
19.1	.911	.912	.914	.915	.916	.917	.919	.920	.921	.922
19.2	.911	.912	.913	.915	.916	.917	.918	.919	.921	.922
19.3	.911	.912	.913	.914	.915	.917	.918	.919	.920	.922
19.4	.910	.911	.913	.914	.915	.916	.918	.919	.920	.921
19.5	.910	.911	.912	.914	.915	.916	.917	.918	.920	.921
19.6	.910	.911	.912	.913	.914	.916	.917	.918	.919	.921
19.7	.909	.910	.912	.913	.914	.915	.917	.918	.919	.920
19.8	.909	.910	.911	.913	.914	.915	.916	.918	.919	.920
19.9	.909	.910	.911	.912	.914	.915	.916	.917	.918	.920
20.0	*.908*	.910	.911	.912	.913	.914	.916	.917	.918	.919

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
20.1	0.908	0.909	0.910	0.912	0.913	0.914	0.915	0.917	0.918	0.919
20.2	.908	.909	.910	.911	.913	.914	.915	.916	.918	.919
20.3	.907	.909	.910	.911	.912	.914	.915	.916	.917	.918
20.4	.907	.908	.910	.911	.912	.913	.914	.916	.917	.918
20.5	.907	.908	.909	.910	.912	.913	.914	.915	.917	.918
20.6	.906	.908	.909	.910	.911	.913	.914	.915	.916	.917
20.7	.906	.907	.909	.910	.911	.912	.914	.915	.916	.917
20.8	.906	.907	.908	.910	.911	.912	.913	.914	.916	.917
20.9	.906	.907	.908	.909	.910	.912	.913	.914	.915	.917
21.0	.905	.906	.908	.909	.910	.911	.913	.914	.915	.916
21.1	.905	.906	.907	.909	.910	.911	.912	.913	.915	.916
21.2	.905	.906	.907	.908	.910	.911	.912	.913	.914	.916
21.3	.904	.906	.907	.908	.909	.910	.912	.913	.914	.915
21.4	.904	.905	.906	.908	.909	.910	.911	.913	.914	.915
21.5	.904	.905	.906	.907	.909	.910	.911	.912	.913	.915
21.6	.903	.905	.906	.907	.908	.910	.911	.912	.913	.914
21.7	.903	.904	.906	.907	.908	.909	.910	.912	.913	.914
21.8	.903	.904	.905	.906	.908	.909	.910	.911	.913	.914
21.9	.902	.904	.905	.906	.907	.909	.910	.911	.912	.913
22.0	.902	.903	.905	.906	.907	.908	.909	.911	.912	.913
22.1	.902	.903	.904	.906	.907	.908	.909	.910	.912	.913
22.2	.902	.903	.904	.905	.906	.908	.909	.910	.911	.913
22.3	.901	.902	.904	.905	.906	.907	.909	.910	.911	.912
22.4	.901	.902	.903	.905	.906	.907	.908	.909	.911	.912
22.5	.901	.902	.903	.904	.905	.907	.908	.909	.910	.912
22.6	.900	.902	.903	.904	.905	.906	.908	.909	.910	.911
22.7	.900	.901	.902	.904	.905	.906	.907	.909	.910	.911
22.8	.900	.901	.902	.903	.905	.906	.907	.908	.909	.911
22.9	.899	.901	.902	.903	.904	.905	.907	.908	.909	.910
23.0	.899	.900	.902	.903	.904	.905	.906	.908	.909	.910
23.1	.899	.900	.901	.902	.904	.905	.906	.907	.909	.910
23.2	.898	.900	.901	.902	.903	.905	.906	.907	.908	.909
23.3	.898	.899	.901	.902	.903	.904	.905	.907	.908	.909
23.4	.898	.899	.900	.902	.903	.904	.905	.906	.908	.909
23.5	.898	.899	.900	.901	.902	.904	.905	.906	.907	.909
23.6	.897	.899	.900	.901	.902	.903	.905	.906	.907	.908
23.7	.897	.898	.899	.901	.902	.903	.904	.905	.907	.908
23.8	.897	.898	.899	.900	.902	.903	.904	.905	.906	.908
23.9	.896	.898	.899	.900	.901	.902	.904	.905	.906	.907
24.0	.896	.897	.899	.900	.901	.902	.903	.905	.906	.907
24.1	.896	.897	.898	.899	.901	.902	.903	.904	.905	.907
24.2	.895	.897	.898	.899	.900	.902	.903	.904	.905	.906
24.3	.895	.896	.898	.899	.900	.901	.902	.904	.905	.906
24.4	.895	.896	.897	.898	.900	.901	.902	.903	.905	.906
24.5	.895	.896	.897	.898	.899	.901	.902	.903	.904	.905
24.6	.894	.895	.897	.898	.899	.900	.902	.903	.904	.905
24.7	.894	.895	.896	.898	.899	.900	.901	.902	.904	.905
24.8	.894	.895	.896	.897	.898	.900	.901	.902	.903	.905
24.9	.893	.895	.896	.897	.898	.899	.901	.902	.903	.904
25.0	.893	.894	.895	.897	.898	.899	.900	.902	.903	.904

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	741	742	743	744	745	746	747	748	749	750
25.1	0.893	0.894	0.895	0.896	0.898	0.899	0.900	0.901	0.902	0.904
25.2	.892	.894	.895	.896	.897	.898	.900	.901	.902	.903
25.3	.892	.893	.895	.896	.897	.898	.899	.901	.902	.903
25.4	.892	.893	.894	.895	.897	.898	.899	.900	.901	.903
25.5	.892	.893	.894	.895	.896	.898	.899	.900	.901	.902
25.6	.891	.892	.894	.895	.896	.897	.898	.900	.901	.902
25.7	.891	.892	.893	.895	.896	.897	.898	.899	.901	.902
25.8	.891	.892	.893	.894	.895	.897	.898	.899	.900	.901
25.9	.890	.892	.893	.894	.895	.896	.898	.899	.900	.901
26.0	.890	.891	.892	.894	.895	.896	.897	.898	.900	.901
26.1	.890	.891	.892	.893	.895	.896	.897	.898	.899	.901
26.2	.889	.891	.892	.893	.894	.895	.897	.898	.899	.900
26.3	.889	.890	.892	.893	.894	.895	.896	.898	.899	.900
26.4	.889	.890	.891	.892	.894	.895	.896	.897	.898	.900
26.5	.889	.890	.891	.892	.893	.895	.896	.897	.898	.899
26.6	.888	.889	.891	.892	.893	.894	.895	.897	.898	.899
26.7	.888	.889	.890	.892	.893	.894	.895	.896	.898	.899
26.8	.888	.889	.890	.891	.892	.894	.895	.896	.897	.898
26.9	.887	.889	.890	.891	.892	.893	.895	.896	.897	.898
27.0	.887	.888	.890	.891	.892	.893	.894	.895	.897	.898
27.1	.887	.888	.889	.890	.892	.893	.894	.895	.896	.898
27.2	.887	.888	.889	.890	.891	.893	.894	.895	.896	.897
27.3	.886	.887	.889	.890	.891	.892	.893	.895	.896	.897
27.4	.886	.887	.888	.890	.891	.892	.893	.894	.895	.897
27.5	.886	.887	.888	.889	.890	.892	.893	.894	.895	.896
27.6	.885	.887	.888	.889	.890	.891	.893	.894	.895	.896
27.7	.885	.886	.887	.889	.890	.891	.892	.893	.895	.896
27.8	.885	.886	.887	.888	.890	.891	.892	.893	.894	.895
27.9	.884	.886	.887	.888	.889	.890	.892	.893	.894	.895
28.0	.884	.885	.887	.888	.889	.890	.891	.893	.894	.895
28.1	.884	.885	.886	.887	.889	.890	.891	.892	.893	.895
28.2	.884	.885	.886	.887	.888	.890	.891	.892	.893	.894
28.3	.883	.884	.886	.887	.888	.889	.890	.892	.893	.894
28.4	.883	.884	.885	.887	.888	.889	.890	.891	.893	.894
28.5	.883	.884	.885	.886	.887	.889	.890	.891	.892	.893
28.6	.882	.884	.885	.886	.887	.888	.890	.891	.892	.893
28.7	.882	.883	.884	.886	.887	.888	.889	.890	.892	.893
28.8	.882	.883	.884	.885	.887	.888	.889	.890	.891	.893
28.9	.882	.883	.884	.885	.886	.887	.889	.890	.891	.892
29.0	.881	.882	.884	.885	.886	.887	.888	.890	.891	.892
29.1	.881	.882	.883	.884	.886	.887	.888	.889	.890	.892
29.2	.881	.882	.883	.884	.885	.887	.888	.889	.890	.891
29.3	.880	.882	.883	.884	.885	.886	.887	.889	.890	.891
29.4	.880	.881	.882	.884	.885	.886	.887	.888	.890	.891
29.5	.880	.881	.882	.883	.885	.886	.887	.888	.889	.890
29.6	.879	.881	.882	.883	.884	.885	.887	.888	.889	.890
29.7	.879	.880	.882	.883	.884	.885	.886	.887	.889	.890
29.8	.879	.880	.881	.882	.884	.885	.886	.887	.888	.890
29.9	.879	.880	.881	.882	.883	.885	.886	.887	.888	.889
30.0	.878	.879	.881	.882	.883	.884	.885	.887	.888	.889

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.								
	751	752	753	754	755	756	757	758	759
10.1	0.953	0.954	0.955	0.957	0.958	0.959	0.960	0.962	0.963
10.2	.953	.954	.955	.956	.958	.959	.960	.961	.963
10.3	.952	.953	.955	.956	.957	.959	.960	.961	.962
10.4	.952	.953	.954	.956	.957	.958	.959	.961	.962
10.5	.952	.953	.954	.955	.957	.958	.959	.960	.962
10.6	.951	.952	.954	.955	.956	.958	.959	.960	.961
10.7	.951	.952	.953	.955	.956	.957	.958	.960	.961
10.8	.951	.952	.953	.954	.956	.957	.958	.959	.961
10.9	.950	.951	.953	.954	.955	.957	.958	.959	.960
11.0	.950	.951	.952	.954	.955	.956	.957	.959	.960
11.1	.950	.951	.952	.953	.955	.956	.957	.958	.960
11.2	.949	.950	.952	.953	.954	.955	.957	.958	.959
11.3	.949	.950	.951	.953	.954	.955	.956	.958	.959
11.4	.948	.950	.951	.952	.954	.955	.956	.957	.959
11.5	.948	.949	.951	.952	.953	.954	.956	.957	.958
11.6	.948	.949	.950	.952	.953	.954	.955	.957	.958
11.7	.947	.949	.950	.951	.953	.954	.955	.956	.958
11.8	.947	.948	.950	.951	.952	.953	.955	.956	.957
11.9	.947	.948	.949	.951	.952	.953	.954	.956	.957
12.0	.946	.948	.949	.950	.952	.953	.954	.955	.957
12.1	.946	.947	.949	.950	.951	.952	.954	.955	.956
12.2	.946	.947	.948	.950	.951	.952	.953	.955	.956
12.3	.946	.947	.948	.949	.951	.952	.953	.954	.956
12.4	.945	.946	.948	.949	.950	.951	.953	.954	.955
12.5	.945	.946	.947	.949	.950	.951	.952	.954	.955
12.6	.945	.946	.947	.948	.950	.951	.952	.953	.955
12.7	.944	.945	.947	.948	.949	.950	.952	.953	.954
12.8	.944	.945	.946	.948	.949	.950	.951	.953	.954
12.9	.944	.945	.946	.947	.949	.950	.951	.952	.954
13.0	.943	.944	.946	.947	.948	.949	.951	.952	.953
13.1	.943	.944	.945	.947	.948	.949	.950	.952	.953
13.2	.943	.944	.945	.946	.948	.949	.950	.951	.953
13.3	.942	.943	.945	.946	.947	.948	.950	.951	.952
13.4	.942	.943	.944	.946	.947	.948	.949	.951	.952
13.5	.942	.943	.944	.945	.947	.948	.949	.950	.952
13.6	.941	.942	.944	.945	.946	.947	.949	.950	.951
13.7	.941	.942	.943	.945	.946	.947	.948	.950	.951
13.8	.941	.942	.943	.944	.946	.947	.948	.949	.951
13.9	.940	.941	.943	.944	.945	.946	.948	.949	.950
14.0	.940	.941	.942	.944	.945	.946	.947	.949	.950
14.1	.940	.941	.942	.943	.945	.946	.947	.948	.950
14.2	.939	.940	.942	.943	.944	.945	.947	.948	.949
14.3	.939	.940	.941	.943	.944	.945	.946	.948	.949
14.4	.939	.940	.941	.942	.944	.945	.946	.947	.949
14.5	.938	.939	.941	.942	.943	.944	.946	.947	.948
14.6	.938	.939	.940	.942	.943	.944	.945	.947	.948
14.7	.938	.939	.940	.941	.943	.944	.945	.946	.948
14.8	.937	.939	.940	.941	.942	.944	.945	.946	.947
14.9	.937	.938	.939	.941	.942	.943	.944	.946	.947
15.0	.937	.938	.939	.940	.942	.943	.944	.945	.947

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
15.1	0.936	0.938	0.939	0.940	0.941	0.943	0.944	0.945	0.946	0.948
15.2	.936	.937	.938	.940	.941	.942	.943	.945	.946	.947
15.3	.936	.937	.938	.939	.941	.942	.943	.944	.946	.947
15.4	.935	.937	.938	.939	.940	.942	.943	.944	.945	.947
15.5	.935	.936	.937	.939	.940	.941	.942	.944	.945	.946
15.6	.935	.936	.937	.938	.940	.941	.942	.943	.945	.946
15.7	.934	.936	.937	.938	.939	.941	.942	.943	.944	.946
15.8	.934	.935	.936	.938	.939	.940	.941	.943	.944	.945
15.9	.934	.935	.936	.937	.939	.940	.941	.942	.944	.945
16.0	.933	.935	.936	.937	.938	.940	.941	.942	.943	.945
16.1	.933	.934	.936	.937	.938	.939	.940	.942	.943	.944
16.2	.933	.934	.935	.936	.938	.939	.940	.941	.943	.944
16.3	.932	.934	.935	.936	.937	.939	.940	.941	.942	.944
16.4	.932	.933	.935	.936	.937	.938	.940	.941	.942	.943
16.5	.932	.933	.934	.935	.937	.938	.939	.940	.942	.943
16.6	.931	.933	.934	.935	.936	.938	.939	.940	.941	.943
16.7	.931	.932	.934	.935	.936	.937	.939	.940	.941	.942
16.8	.931	.932	.933	.935	.936	.937	.938	.939	.941	.942
16.9	.930	.932	.933	.934	.935	.937	.938	.939	.940	.942
17.0	.930	.931	.933	.934	.935	.936	.938	.939	.940	.941
17.1	.930	.931	.932	.934	.935	.936	.937	.939	.940	.941
17.2	.930	.931	.932	.933	.934	.936	.937	.938	.939	.941
17.3	.929	.930	.932	.933	.934	.935	.937	.938	.939	.940
17.4	.929	.930	.931	.933	.934	.935	.936	.938	.939	.940
17.5	.929	.930	.931	.932	.933	.935	.936	.937	.938	.940
17.6	.928	.929	.931	.932	.933	.934	.936	.937	.938	.939
17.7	.928	.929	.930	.932	.933	.934	.935	.937	.938	.939
17.8	.928	.929	.930	.931	.933	.934	.935	.936	.937	.939
17.9	.927	.928	.930	.931	.932	.933	.935	.936	.937	.938
18.0	.927	.928	.929	.931	.932	.933	.934	.936	.937	.938
18.1	.927	.928	.929	.930	.932	.933	.934	.935	.936	.938
18.2	.926	.928	.929	.930	.931	.932	.934	.935	.936	.937
18.3	.926	.927	.928	.930	.931	.932	.933	.935	.936	.937
18.4	.926	.927	.928	.929	.931	.932	.933	.934	.936	.937
18.5	.925	.927	.928	.929	.930	.932	.933	.934	.935	.936
18.6	.925	.926	.927	.929	.930	.931	.932	.934	.935	.936
18.7	.925	.926	.927	.928	.930	.931	.932	.933	.935	.936
18.8	.924	.926	.927	.928	.929	.931	.932	.933	.934	.935
18.9	.924	.925	.927	.928	.929	.930	.931	.933	.934	.935
19.0	.924	.925	.926	.927	.929	.930	.931	.932	.934	.935
19.1	.923	.925	.926	.927	.928	.930	.931	.932	.933	.935
19.2	.923	.924	.926	.927	.928	.929	.930	.932	.933	.934
19.3	.923	.924	.925	.926	.928	.929	.930	.931	.933	.934
19.4	.922	.924	.925	.926	.927	.929	.930	.931	.932	.934
19.5	.922	.923	.925	.926	.927	.928	.930	.931	.932	.933
19.6	.922	.923	.924	.926	.927	.928	.929	.930	.932	.933
19.7	.922	.923	.924	.925	.926	.928	.929	.930	.931	.933
19.8	.921	.922	.924	.925	.926	.927	.929	.930	.931	.932
19.9	.921	.922	.923	.925	.926	.927	.928	.930	.931	.932
20.0	*.921*	*.922*	.923	.924	.925	.927	.928	.929	.930	.932

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. ° C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
20.1	0.920	0.921	0.923	0.924	0.925	0.926	0.928	0.929	0.930	0.931
20.2	.920	.921	.922	.924	.925	.926	.927	.929	.930	.931
20.3	.920	.921	.922	.923	.925	.926	.927	.928	.929	.931
20.4	.919	.921	.922	.923	.924	.925	.927	.928	.929	.930
20.5	.919	.920	.921	.923	.924	.925	.926	.928	.929	.930
20.6	.919	.920	.921	.922	.924	.925	.926	.927	.929	.930
20.7	.918	.920	.921	.922	.923	.925	.926	.927	.928	.929
20.8	.918	.919	.921	.922	.923	.924	.925	.927	.928	.929
20.9	.918	.919	.920	.921	.923	.924	.925	.926	.928	.929
21.0	.917	.919	.920	.921	.922	.924	.925	.926	.927	.928
21.1	.917	.918	.920	.921	.922	.923	.924	.926	.927	.928
21.2	.917	.918	.919	.921	.922	.923	.924	.925	.927	.928
21.3	.917	.918	.919	.920	.921	.923	.924	.925	.926	.928
21.4	.916	.917	.919	.920	.921	.922	.924	.925	.926	.927
21.5	.916	.917	.918	.920	.921	.922	.923	.924	.926	.927
21.6	.916	.917	.918	.919	.920	.922	.923	.924	.925	.927
21.7	.915	.916	.918	.919	.920	.921	.923	.924	.925	.926
21.8	.915	.916	.917	.919	.920	.921	.922	.923	.925	.926
21.9	.915	.916	.917	.918	.920	.921	.922	.923	.924	.926
22.0	.914	.916	.917	.918	.919	.920	.922	.923	.924	.925
22.1	.914	.915	.916	.918	.919	.920	.921	.923	.924	.925
22.2	.914	.915	.916	.917	.919	.920	.921	.922	.923	.925
22.3	.913	.915	.916	.917	.918	.920	.921	.922	.923	.924
22.4	.913	.914	.916	.917	.918	.919	.920	.922	.923	.924
22.5	.913	.914	.915	.916	.918	.919	.920	.921	.923	.924
22.6	.912	.914	.915	.916	.917	.919	.920	.921	.922	.923
22.7	.912	.913	.915	.916	.917	.918	.919	.921	.922	.923
22.8	.912	.913	.914	.916	.917	.918	.919	.920	.922	.923
22.9	.912	.913	.914	.915	.916	.918	.919	.920	.921	.922
23.0	.911	.912	.914	.915	.916	.917	.919	.920	.921	.922
23.1	.911	.912	.913	.915	.916	.917	.918	.919	.921	.922
23.2	.911	.912	.913	.914	.915	.917	.918	.919	.920	.922
23.3	.910	.912	.913	.914	.915	.916	.918	.919	.920	.921
23.4	.910	.911	.912	.914	.915	.916	.917	.919	.920	.921
23.5	.910	.911	.912	.913	.915	.916	.917	.918	.919	.921
23.6	.909	.911	.912	.913	.914	.915	.917	.918	.919	.920
23.7	.909	.910	.912	.913	.914	.915	.916	.918	.919	.920
23.8	.909	.910	.911	.912	.914	.915	.916	.917	.918	.920
23.9	.908	.910	.911	.912	.913	.915	.916	.917	.918	.919
24.0	.908	.909	.911	.912	.913	.914	.915	.917	.918	.919
24.1	.908	.909	.910	.911	.913	.914	.915	.916	.918	.919
24.2	.908	.909	.910	.911	.912	.914	.915	.916	.917	.918
24.3	.907	.908	.910	.911	.912	.913	.915	.916	.917	.918
24.4	.907	.908	.909	.911	.912	.913	.914	.915	.917	.918
24.5	.907	.908	.909	.910	.911	.913	.914	.915	.916	.918
24.6	.906	.908	.909	.910	.911	.912	.914	.915	.916	.917
24.7	.906	.907	.908	.910	.911	.912	.913	.915	.916	.917
24.8	.906	.907	.908	.909	.911	.912	.913	.914	.915	.917
24.9	.905	.907	.908	.909	.910	.911	.913	.914	.915	.916
25.0	.905	.906	.908	.909	.910	.911	.912	.914	.915	.916

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	751	752	753	754	755	756	757	758	759	760
25.1	0.905	0.906	0.907	0.908	0.910	0.911	0.912	0.913	0.914	0.916
25.2	.905	.906	.907	.908	.909	.911	.912	.913	.914	.915
25.3	.904	.905	.907	.908	.909	.910	.911	.913	.914	.915
25.4	.904	.905	.906	.908	.909	.910	.911	.912	.914	.915
25.5	.904	.905	.906	.907	.908	.910	.911	.912	.913	.914
25.6	.903	.904	.906	.907	.908	.909	.911	.912	.913	.914
25.7	.903	.904	.905	.907	.908	.909	.910	.911	.913	.914
25.8	.903	.904	.905	.906	.907	.909	.910	.911	.912	.914
25.9	.902	.904	.905	.906	.907	.908	.910	.911	.912	.913
26.0	.902	.903	.904	.906	.907	.908	.909	.911	.912	.913
26.1	.902	.903	.904	.905	.907	.908	.909	.910	.911	.913
26.2	.901	.903	.904	.905	.906	.907	.909	.910	.911	.912
26.3	.901	.902	.904	.905	.906	.907	.908	.910	.911	.912
26.4	.901	.902	.903	.904	.906	.907	.908	.909	.910	.912
26.5	.901	.902	.903	.904	.905	.907	.908	.909	.910	.911
26.6	.900	.901	.903	.904	.905	.906	.907	.909	.910	.911
26.7	.900	.901	.902	.904	.905	.906	.907	.908	.910	.911
26.8	.900	.901	.902	.903	.904	.906	.907	.908	.909	.910
26.9	.899	.901	.902	.903	.904	.905	.907	.908	.909	.910
27.0	.899	.900	.901	.903	.904	.905	.906	.907	.909	.910
27.1	.899	.900	.901	.902	.904	.905	.906	.907	.908	.910
27.2	.898	.900	.901	.902	.903	.904	.906	.907	.908	.909
27.3	.898	.899	.901	.902	.903	.904	.905	.907	.908	.909
27.4	.898	.899	.900	.901	.903	.904	.905	.906	.907	.909
27.5	.898	.899	.900	.901	.902	.904	.905	.906	.907	.908
27.6	.897	.898	.900	.901	.902	.903	.904	.906	.907	.908
27.7	.897	.898	.899	.901	.902	.903	.904	.905	.907	.908
27.8	.897	.898	.899	.900	.901	.903	.904	.905	.906	.907
27.9	.896	.898	.899	.900	.901	.902	.904	.905	.906	.907
28.0	.896	.897	.898	.900	.901	.902	.903	.904	.906	.907
28.1	.896	.897	.898	.899	.901	.902	.903	.904	.905	.907
28.2	.895	.897	.898	.899	.900	.901	.903	.904	.905	.906
28.3	.895	.896	.898	.899	.900	.901	.902	.904	.905	.906
28.4	.895	.896	.897	.898	.900	.901	.902	.903	.904	.906
28.5	.895	.896	.897	.898	.899	.901	.902	.903	.904	.905
28.6	.894	.895	.897	.898	.899	.900	.901	.903	.904	.905
28.7	.894	.895	.896	.898	.899	.900	.901	.902	.904	.905
28.8	.894	.895	.896	.897	.898	.900	.901	.902	.903	.904
28.9	.893	.895	.896	.897	.898	.899	.901	.902	.903	.904
29.0	.893	.894	.895	.897	.898	.899	.900	.901	.903	.904
29.1	.893	.894	.895	.896	.898	.899	.900	.901	.902	.904
29.2	.893	.894	.895	.896	.897	.898	.900	.901	.902	.903
29.3	.892	.893	.895	.896	.897	.898	.899	.901	.902	.903
29.4	.892	.893	.894	.895	.897	.898	.899	.900	.901	.903
29.5	.892	.893	.894	.895	.896	.898	.899	.900	.901	.902
29.6	.891	.893	.894	.895	.896	.897	.898	.900	.901	.902
29.7	.891	.892	.893	.895	.896	.897	.898	.899	.901	.902
29.8	.891	.892	.893	.894	.895	.897	.898	.899	.900	.901
29.9	.890	.892	.893	.894	.895	.896	.898	.899	.900	.901
30.0	*.890*	*.891*	.893	.894	.895	.896	.897	.898	.900	.901

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. ° C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
10.1	0.966	0.967	0.968	0.969	0.971	0.972	0.973	0.974	0.976	0.977
10.2	.965	.966	.968	.969	.970	.972	.973	.974	.975	.977
10.3	.965	.966	.967	.969	.970	.971	.972	.974	.975	.976
10.4	.965	.966	.967	.968	.970	.971	.972	.973	.975	.976
10.5	.964	.965	.967	.968	.969	.971	.972	.973	.974	.976
10.6	.964	.965	.966	.968	.969	.970	.971	.973	.974	.975
10.7	.963	.965	.966	.967	.969	.970	.971	.972	.974	.975
10.8	.963	.964	.966	.967	.968	.969	.971	.972	.973	.975
10.9	.963	.964	.965	.967	.968	.969	.970	.972	.973	.974
11.0	.962	.964	.965	.966	.968	.969	.970	.971	.973	.974
11.1	.962	.963	.965	.966	.967	.968	.970	.971	.972	.974
11.2	.962	.963	.964	.966	.967	.968	.969	.971	.972	.973
11.3	.961	.963	.964	.965	.967	.968	.969	.970	.972	.973
11.4	.961	.962	.964	.965	.966	.967	.969	.970	.971	.972
11.5	.961	.962	.963	.965	.966	.967	.968	.970	.971	.972
11.6	.960	.962	.963	.964	.965	.967	.968	.969	.971	.972
11.7	.960	.961	.963	.964	.965	.966	.968	.969	.970	.971
11.8	.960	.961	.962	.964	.965	.966	.967	.969	.970	.971
11.9	.959	.961	.962	.963	.964	.966	.967	.968	.970	.971
12.0	.959	.960	.962	.963	.964	.965	.967	.968	.969	.970
12.1	.959	.960	.961	.963	.964	.965	.966	.968	.969	.970
12.2	.958	.960	.961	.962	.963	.965	.966	.967	.968	.970
12.3	.958	.959	.961	.962	.963	.964	.966	.967	.968	.969
12.4	.958	.959	.960	.962	.963	.964	.965	.967	.968	.969
12.5	.957	.959	.960	.961	.962	.964	.965	.966	.967	.969
12.6	.957	.958	.960	.961	.962	.963	.965	.966	.967	.968
12.7	.957	.958	.959	.961	.962	.963	.964	.966	.967	.968
12.8	.956	.958	.959	.960	.961	.963	.964	.965	.966	.968
12.9	.956	.957	.959	.960	.961	.962	.964	.965	.966	.967
13.0	.956	.957	.958	.960	.961	.962	.963	.965	.966	.967
13.1	.955	.957	.958	.959	.960	.962	.963	.964	.965	.967
13.2	.955	.956	.958	.959	.960	.961	.963	.964	.965	.966
13.3	.955	.956	.957	.958	.960	.961	.962	.964	.965	.966
13.4	.954	.956	.957	.958	.959	.961	.962	.963	.964	.966
13.5	.954	.955	.957	.958	.959	.960	.962	.963	.964	.965
13.6	.954	.955	.956	.957	.959	.960	.961	.962	.964	.965
13.7	.953	.955	.956	.957	.958	.960	.961	.962	.963	.965
13.8	.953	.954	.956	.957	.958	.959	.961	.962	.963	.964
13.9	.953	.954	.955	.956	.958	.959	.960	.961	.963	.964
14.0	.952	.954	.955	.956	.957	.959	.960	.961	.962	.964
14.1	.952	.953	.955	.956	.957	.958	.960	.961	.962	.963
14.2	.952	.953	.954	.955	.957	.958	.959	.960	.962	.963
14.3	.951	.953	.954	.955	.956	.958	.959	.960	.961	.963
14.4	.951	.952	.954	.955	.956	.957	.959	.960	.961	.962
14.5	.951	.952	.953	.954	.956	.957	.958	.959	.961	.962
14.6	.950	.952	.953	.954	.955	.957	.958	.959	.960	.962
14.7	.950	.951	.953	.954	.955	.956	.958	.959	.960	.961
14.8	.950	.951	.952	.953	.955	.956	.957	.958	.960	.961
14.9	.949	.951	.952	.953	.954	.956	.957	.958	.959	.961
15.0	.949	.950	.952	.953	.954	.955	.957	.958	.959	.960

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
15.1	0.949	0.950	0.951	0.952	0.954	0.955	0.956	0.957	0.959	0.960
15.2	.948	.950	.951	.952	.953	.955	.956	.957	.958	.960
15.3	.948	.949	.951	.952	.953	.954	.956	.957	.958	.959
15.4	.948	.949	.950	.951	.953	.954	.955	.956	.958	.959
15.5	.947	.949	.950	.951	.952	.954	.955	.956	.957	.959
15.6	.947	.948	.950	.951	.952	.953	.955	.956	.957	.958
15.7	.947	.948	.949	.950	.952	.953	.954	.955	.957	.958
15.8	.946	.948	.949	.950	.951	.953	.954	.955	.956	.958
15.9	.946	.947	.949	.950	.951	.952	.954	.955	.956	.957
16.0	.946	.947	.948	.950	.951	.952	.953	.954	.956	.957
16.1	.945	.947	.948	.949	.950	.952	.953	.954	.955	.957
16.2	.945	.946	.948	.949	.950	.951	.953	.954	.955	.956
16.3	.945	.946	.947	.949	.950	.951	.952	.954	.955	.956
16.4	.944	.946	.947	.948	.949	.951	.952	.953	.954	.956
16.5	.944	.945	.947	.948	.949	.950	.952	.953	.954	.955
16.6	.944	.945	.946	.948	.949	.950	.951	.953	.954	.955
16.7	.944	.945	.946	.947	.948	.950	.951	.952	.953	.955
16.8	.943	.944	.946	.947	.948	.949	.951	.952	.953	.954
16.9	.943	.944	.945	.947	.948	.949	.950	.952	.953	.954
17.0	.943	.944	.945	.946	.947	.949	.950	.951	.952	.954
17.1	.942	.943	.945	.946	.947	.948	.950	.951	.952	.953
17.2	.942	.943	.944	.946	.947	.948	.949	.951	.952	.953
17.3	.942	.943	.944	.945	.947	.948	.949	.950	.951	.953
17.4	.941	.942	.944	.945	.946	.947	.949	.950	.951	.952
17.5	.941	.942	.943	.945	.946	.947	.948	.950	.951	.952
17.6	.941	.942	.943	.944	.946	.947	.948	.949	.950	.952
17.7	.940	.941	.943	.944	.945	.946	.948	.949	.950	.951
17.8	.940	.941	.942	.944	.945	.946	.947	.949	.950	.951
17.9	.940	.941	.942	.943	.945	.946	.947	.948	.949	.951
18.0	.939	.941	.942	.943	.944	.945	.947	.948	.949	.950
18.1	.939	.940	.941	.943	.944	.945	.946	.948	.949	.950
18.2	.939	.940	.941	.942	.944	.945	.946	.947	.948	.950
18.3	.938	.940	.941	.942	.943	.944	.946	.947	.948	.949
18.4	.938	.939	.940	.942	.943	.944	.945	.947	.948	.949
18.5	.938	.939	.940	.941	.943	.944	.945	.946	.948	.949
18.6	.937	.939	.940	.941	.942	.944	.945	.946	.947	.948
18.7	.937	.938	.939	.941	.942	.943	.944	.946	.947	.948
18.8	.937	.938	.939	.940	.942	.943	.944	.945	.947	.948
18.9	.936	.938	.939	.940	.941	.943	.944	.945	.946	.947
19.0	.936	.937	.939	.940	.941	.942	.943	.945	.946	.947
19.1	.936	.937	.938	.939	.941	.942	.943	.944	.946	.947
19.2	.935	.937	.938	.939	.940	.942	.943	.944	.945	.946
19.3	.935	.936	.938	.939	.940	.941	.942	.944	.945	.946
19.4	.935	.936	.937	.938	.940	.941	.942	.943	.945	.946
19.5	.934	.936	.937	.938	.939	.941	.942	.943	.944	.946
19.6	.934	.935	.937	.938	.939	.940	.941	.943	.944	.945
19.7	.934	.935	.936	.937	.939	.940	.941	.942	.944	.945
19.8	.934	.935	.936	.937	.938	.940	.941	.942	.943	.945
19.9	*.933*	*.934*	.936	.937	.938	.939	.941	.942	.943	.944
20.0	*.933*	*.934*	*.935*	.937	.938	.939	.940	.941	.943	.944

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. ° C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	
20.1	0.933	0.934	0.935	0.936	0.937	0.939	0.940	0.941	0.942	0.
20.2	.932	.933	.935	.936	.937	.938	.940	.941	.942	.
20.3	.932	.933	.934	.936	.937	.938	.939	.940	.942	.
20.4	.932	.933	.934	.935	.936	.938	.939	.940	.941	.
20.5	.931	.932	.934	.935	.936	.937	.939	.940	.941	.
20.6	.931	.932	.933	.935	.936	.937	.938	.940	.941	.
20.7	.931	.932	.933	.934	.936	.937	.938	.939	.940	.
20.8	.930	.932	.933	.934	.935	.936	.938	.939	.940	.
20.9	.930	.931	.932	.934	.935	.936	.937	.939	.940	.
21.0	.930	.931	.932	.933	.935	.936	.937	.938	.939	.
21.1	.929	.931	.932	.933	.934	.935	.937	.938	.939	.
21.2	.929	.930	.931	.933	.934	.935	.936	.938	.939	.
21.3	.929	.930	.931	.932	.934	.935	.936	.937	.938	.
21.4	.928	.930	.931	.932	.933	.935	.936	.937	.938	.
21.5	.928	.929	.931	.932	.933	.934	.935	.937	.938	.
21.6	.928	.929	.930	.931	.933	.934	.935	.936	.938	.
21.7	.927	.929	.930	.931	.932	.934	.935	.936	.937	.
21.8	.927	.928	.930	.931	.932	.933	.934	.936	.937	.
21.9	.927	.928	.929	.930	.932	.933	.934	.935	.937	.
22.0	.927	.928	.929	.930	.931	.933	.934	.935	.936	.
22.1	.926	.927	.929	.930	.931	.932	.934	.935	.936	.
22.2	.926	.927	.928	.930	.931	.932	.933	.934	.936	.
22.3	.926	.927	.928	.929	.930	.932	.933	.934	.935	.
22.4	.925	.926	.928	.929	.930	.931	.933	.934	.935	.
22.5	.925	.926	.927	.929	.930	.931	.932	.933	.935	.
22.6	.925	.926	.927	.928	.929	.931	.932	.933	.934	.
22.7	.924	.926	.927	.928	.929	.930	.932	.933	.934	.
22.8	.924	.925	.926	.928	.929	.930	.931	.933	.934	.
22.9	.924	.925	.926	.927	.929	.930	.931	.932	.933	.
23.0	.923	.925	.926	.927	.928	.929	.931	.932	.933	.
23.1	.923	.924	.925	.927	.928	.929	.930	.932	.933	.
23.2	.923	.924	.925	.926	.928	.929	.930	.931	.932	.
23.3	.922	.924	.925	.926	.927	.929	.930	.931	.932	.
23.4	.922	.923	.925	.926	.927	.928	.929	.931	.932	.
23.5	.922	.923	.924	.925	.927	.928	.929	.930	.932	.
23.6	.922	.923	.924	.925	.926	.928	.929	.930	.931	.
23.7	.921	.922	.924	.925	.926	.927	.928	.930	.931	.
23.8	.921	.922	.923	.925	.926	.927	.928	.929	.931	.
23.9	.921	.922	.923	.924	.925	.927	.928	.929	.930	.
24.0	.920	.921	.923	.924	.925	.926	.928	.929	.930	.
24.1	.920	.921	.922	.924	.925	.926	.927	.928	.930	.
24.2	.920	.921	.922	.923	.924	.926	.927	.928	.929	.
24.3	.919	.921	.922	.923	.924	.925	.927	.928	.929	.
24.4	.919	.920	.921	.923	.924	.925	.926	.927	.929	.
24.5	.919	.920	.921	.922	.924	.925	.926	.927	.928	.
24.6	.918	.920	.921	.922	.923	.924	.926	.927	.928	.
24.7	.918	.919	.921	.922	.923	.924	.925	.927	.928	.
24.8	.918	.919	.920	.921	.923	.924	.925	.926	.927	.
24.9	.917	.919	.920	.921	.922	.924	.925	.926	.927	.
25.0	.917	.918	.920	.921	.922	.923	.924	.926	.927	.

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. ° C.	Barometric pressure in millimeters.									
	761	762	763	764	765	766	767	768	769	770
25.1	0.917	0.918	0.919	0.920	0.922	0.923	0.924	0.925	0.926	0.928
25.2	.917	.918	.919	.920	.921	.923	.924	.925	.926	.927
25.3	.916	.917	.919	.920	.921	.922	.923	.925	.926	.927
25.4	.916	.917	.918	.920	.921	.922	.923	.924	.926	.927
25.5	.916	.917	.918	.919	.920	.922	.923	.924	.925	.926
25.6	.915	.917	.918	.919	.920	.921	.923	.924	.925	.926
25.7	.915	.916	.917	.919	.920	.921	.922	.923	.925	.926
25.8	.915	.916	.917	.918	.920	.921	.922	.923	.924	.926
25.9	.914	.916	.917	.918	.919	.920	.922	.923	.924	.925
26.0	.914	.915	.917	.918	.919	.920	.921	.923	.924	.925
26.1	.914	.915	.916	.917	.919	.920	.921	.922	.923	.925
26.2	.913	.915	.916	.917	.918	.920	.921	.922	.923	.924
26.3	.913	.914	.916	.917	.918	.919	.920	.922	.923	.924
26.4	.913	.914	.915	.916	.918	.919	.920	.921	.922	.924
26.5	.913	.914	.915	.916	.917	.919	.920	.921	.922	.923
26.6	.912	.913	.915	.916	.917	.918	.919	.921	.922	.923
26.7	.912	.913	.914	.916	.917	.918	.919	.920	.922	.923
26.8	.912	.913	.914	.915	.916	.918	.919	.920	.921	.922
26.9	.911	.913	.914	.915	.916	.917	.919	.920	.921	.922
27.0	.911	.912	.913	.915	.916	.917	.918	.919	.921	.922
27.1	.911	.912	.913	.914	.916	.917	.918	.919	.920	.922
27.2	.910	.912	.913	.914	.915	.916	.918	.919	.920	.921
27.3	.910	.911	.913	.914	.915	.916	.917	.918	.920	.921
27.4	.910	.911	.912	.913	.915	.916	.917	.918	.919	.921
27.5	.910	.911	.912	.913	.914	.916	.917	.918	.919	.920
27.6	.909	.910	.912	.913	.914	.915	.916	.918	.919	.920
27.7	.909	.910	.911	.913	.914	.915	.916	.917	.918	.920
27.8	.909	.910	.911	.912	.913	.915	.916	.917	.918	.919
27.9	.908	.910	.911	.912	.913	.914	.915	.917	.918	.919
28.0	.908	.909	.910	.912	.913	.914	.915	.916	.918	.919
28.1	.908	.909	.910	.911	.912	.914	.915	.916	.917	.918
28.2	.907	.909	.910	.911	.912	.913	.915	.916	.917	.918
28.3	.907	.908	.910	.911	.912	.913	.914	.915	.917	.918
28.4	.907	.908	.909	.910	.912	.913	.914	.915	.916	.918
28.5	.907	.908	.909	.910	.911	.912	.914	.915	.916	.917
28.6	.906	.907	.909	.910	.911	.912	.913	.915	.916	.917
28.7	.906	.907	.908	.909	.911	.912	.913	.914	.915	.917
28.8	.906	.907	.908	.909	.910	.912	.913	.914	.915	.916
28.9	.905	.906	.908	.909	.910	.911	.912	.914	.915	.916
29.0	.905	.906	.907	.909	.910	.911	.912	.913	.915	.916
29.1	.905	906	.907	.908	.909	.911	.912	.913	.914	.915
29.2	.904	.906	.907	.908	.909	.910	.912	.913	.914	.915
29.3	.904	.905	.906	.908	.909	.910	.911	.912	.914	.915
29.4	.904	.905	.906	.907	.909	.910	.911	.912	.913	.915
29.5	.904	.905	.906	.907	.908	.909	.911	.912	.913	.914
29.6	.903	.904	.906	.907	.908	.909	.910	.912	.913	.914
29.7	.903	.904	.905	.906	.908	.909	.910	.911	.912	.914
29.8	.903	.904	.905	.906	.907	.909	.910	.911	.912	.913
29.9	.902	.903	.905	.906	.907	.908	.909	.911	.912	.913
30.0	.902	.903	.904	.906	.907	.908	.909	.910	.911	.913

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
10.1	0.978	0.979	0.981	0.982	0.983	0.985	0.986	0.987	0.988	0.990
10.2	.978	.979	.980	.982	.983	.984	.985	.987	.988	.989
10.3	.978	.979	.980	.981	.983	.984	.985	.986	.988	.989
10.4	.977	.978	.980	.981	.982	.984	.985	.986	.987	.989
10.5	.977	.978	.979	.981	.982	.983	.984	.986	.987	.988
10.6	.977	.978	.979	.980	.982	.983	.984	.985	.987	.988
10.7	.976	.977	.979	.980	.981	.982	.984	.985	.986	.988
10.8	.976	.977	.978	.980	.981	.982	.983	.985	.986	.987
10.9	.975	.977	.978	.979	.981	.982	.983	.984	.986	.987
11.0	.975	.976	.978	.979	.980	.981	.983	.984	.985	.986
11.1	.975	.976	.977	.979	.980	.981	.982	.984	.985	.986
11.2	.974	.976	.977	.978	.980	.981	.982	.983	.985	.986
11.3	.974	.975	.977	.978	.979	.980	.982	.983	.984	.985
11.4	.974	.975	.976	.978	.979	.980	.981	.983	.984	.985
11.5	.973	.975	.976	.977	.978	.980	.981	.982	.984	.985
11.6	.973	.974	.976	.977	.978	.979	.981	.982	.983	.984
11.7	.973	.974	.975	.977	.978	.979	.980	.982	.983	.984
11.8	.972	.974	.975	.976	.977	.979	.980	.981	.982	.984
11.9	.972	.973	.975	.976	.977	.978	.980	.981	.982	.983
12.0	.972	.973	.974	.975	.977	.978	.979	.981	.982	.983
12.1	.971	.973	.974	.975	.976	.978	.979	.980	.981	.983
12.2	.971	.972	.974	.975	.976	.977	.979	.980	.981	.982
12.3	.971	.972	.973	.974	.976	.977	.978	.980	.981	.982
12.4	.970	.972	.973	.974	.975	.977	.978	.979	.980	.982
12.5	.970	.971	.973	.974	.975	.976	.978	.979	.980	.981
12.6	.970	.971	.972	.973	.975	.976	.977	.978	.980	.981
12.7	.969	.971	.972	.973	.974	.976	.977	.978	.979	.981
12.8	.969	.970	.971	.973	.974	.975	.977	.978	.979	.980
12.9	.969	.970	.971	.972	.974	.975	.976	.977	.979	.980
13.0	.968	.970	.971	.972	.973	.975	.976	.977	.978	.980
13.1	.968	.969	.970	.972	.973	.974	.975	.977	.978	.979
13.2	.968	.969	.970	.971	.973	.974	.975	.976	.978	.979
13.3	.967	.969	.970	.971	.972	.974	.975	.976	.977	.979
13.4	.967	.968	.969	.971	.972	.973	.974	.976	.977	.978
13.5	.967	.968	.969	.970	.972	.973	.974	.975	.977	.978
13.6	.966	.967	.969	.970	.971	.973	.974	.975	.976	.978
13.7	.966	.967	.968	.970	.971	.972	.973	.975	.976	.977
13.8	.966	.967	.968	.969	.971	.972	.973	.974	.976	.977
13.9	.965	.966	.968	.969	.970	.972	.973	.974	.975	.977
14.0	.965	.966	.967	.969	.970	.971	.972	.974	.975	.976
14.1	.965	.966	.967	.968	.970	.971	.972	.973	.975	.976
14.2	.964	.965	.967	.968	.969	.970	.972	.973	.974	.975
14.3	.964	.965	.966	.968	.969	.970	.971	.973	.974	.975
14.4	.964	.965	.966	.967	.969	.970	.971	.972	.974	.975
14.5	.963	.964	.966	.967	.968	.969	.971	.972	.973	.974
14.6	.963	.964	.965	.967	.968	.969	.970	.972	.973	.974
14.7	.963	.964	.965	.966	.968	.969	.970	.971	.973	.974
14.8	.962	.963	.965	.966	.967	.968	.970	.971	.972	.973
14.9	.962	.963	.964	.966	.967	.968	.969	.971	.972	.973
15.0	.962	.963	.964	.965	.967	.968	.969	.970	.972	.973

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
15.1	0.961	0.962	0.964	0.965	0.966	0.967	0.969	0.970	0.971	0.972
15.2	.961	.962	.963	.965	.966	.967	.968	.970	.971	.972
15.3	.961	.962	.963	.964	.966	.967	.968	.969	.970	.972
15.4	.960	.961	.963	.964	.965	.966	.968	.969	.970	.971
15.5	.960	.961	.962	.964	.965	.966	.967	.969	.970	.971
15.6	.960	.961	.962	.963	.965	.966	.967	.968	.969	.971
15.7	.959	.960	.962	.963	.964	.965	.967	.968	.969	.970
15.8	.959	.960	.961	.963	.964	.965	.966	.968	.969	.970
15.9	.959	.960	.961	.962	.964	.965	.966	.967	.968	.970
16.0	.958	.959	.961	.962	.963	.964	.966	.967	.968	.969
16.1	.958	.959	.960	.962	.963	.964	.965	.967	.968	.969
16.2	.958	.959	.960	.961	.963	.964	.965	.966	.967	.969
16.3	.957	.958	.960	.961	.962	.963	.965	.966	.967	.968
16.4	.957	.958	.959	.961	.962	.963	.964	.966	.967	.968
16.5	.957	.958	.959	.960	.962	.963	.964	.965	.966	.968
16.6	.956	.957	.959	.960	.961	.962	.964	.965	.966	.967
16.7	.956	.957	.958	.960	.961	.962	.963	.965	.966	.967
16.8	.956	.957	.958	.959	.961	.962	.963	.964	.965	.967
16.9	.955	.956	.958	.959	.960	.961	.963	.964	.965	.966
17.0	.955	.956	.957	.959	.960	.961	.962	.964	.965	.966
17.1	.955	.956	.957	.958	.960	.961	.962	.963	.964	.966
17.2	.954	.955	.957	.958	.959	.960	.962	.963	.964	.965
17.3	.954	.955	.956	.958	.959	.960	.961	.963	.964	.965
17.4	.954	.955	.956	.957	.959	.960	.961	.962	.963	.965
17.5	.953	.954	.956	.957	.958	.959	.961	.962	.963	.964
17.6	.953	.954	.955	.957	.958	.959	.960	.962	.963	.964
17.7	.953	.954	.955	.956	.958	.959	.960	.961	.962	.964
17.8	.952	.954	.955	.956	.957	.958	.960	.961	.962	.963
17.9	.952	.953	.954	.956	.957	.958	.959	.961	.962	.963
18.0	.952	.953	.954	.955	.957	.958	.959	.960	.961	.963
18.1	.951	.953	.954	.955	.956	.957	.959	.960	.961	.962
18.2	.951	.952	.953	.955	.956	.957	.958	.960	.961	.962
18.3	.951	.952	.953	.954	.956	.957	.958	.959	.960	.962
18.4	.950	.952	.953	.954	.955	.956	.958	.959	.960	.961
18.5	.950	.951	.952	.954	.955	.956	.957	.959	.960	.961
18.6	.950	.951	.952	.953	.955	.956	.957	.958	.960	.961
18.7	.949	.951	.952	.953	.954	.955	.957	.958	.959	.960
18.8	.949	.950	.951	.953	.954	.955	.956	.958	.959	.960
18.9	.949	.950	.951	.952	.954	.955	.956	.957	.959	.960
19.0	.948	.950	.951	.952	.953	.955	.956	.957	.958	.959
19.1	.948	.949	.951	.952	.953	.954	.955	.957	.958	.959
19.2	.948	.949	.950	.951	.953	.954	.955	.956	.958	.959
19.3	.947	.949	.950	.951	.952	.954	.955	.956	.957	.958
19.4	.947	.948	.950	.951	.952	.953	.954	.956	.957	.958
19.5	.947	.948	.949	.950	.952	.953	.954	.955	.957	.958
19.6	.946	.948	.949	.950	.951	.953	.954	.955	.956	.957
19.7	.946	.947	.949	.950	.951	.952	.953	.955	.956	.957
19.8	.946	.947	.948	.949	.951	.952	.953	.954	.956	.957
19.9	*.945*	*.947*	.948	.949	.950	.952	.953	.954	.955	.956
20.0	*.945*	*.946*	.948	.949	.950	.951	.952	.954	.955	.956

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
20.1	0.945	0.946	0.947	0.948	0.950	0.951	0.952	0.953	0.955	0.956
20.2	.944	.946	.947	.948	.949	.951	.952	.953	.954	.955
20.3	.944	.945	.947	.948	.949	.950	.951	.953	.954	.955
20.4	.944	.945	.946	.947	.949	.950	.951	.952	.954	.955
20.5	.944	.945	.946	.947	.948	.950	.951	.952	.953	.955
20.6	.943	.944	.946	.947	.948	.949	.951	.952	.953	.954
20.7	.943	.944	.945	.947	.948	.949	.950	.951	.953	.954
20.8	.943	.944	.945	.946	.947	.949	.950	.951	.952	.954
20.9	.942	.943	.945	.946	.947	.948	.950	.951	.952	.953
21.0	.942	.943	.944	.946	.947	.948	.949	.950	.952	.953
21.1	.942	.943	.944	.945	.946	.948	.949	.950	.951	.953
21.2	.941	.942	.944	.945	.946	.947	.949	.950	.951	.952
21.3	.941	.942	.943	.945	.946	.947	.948	.949	.951	.952
21.4	.941	.942	.943	.944	.945	.947	.948	.949	.950	.952
21.5	.940	.942	.943	.944	.945	.946	.948	.949	.950	.951
21.6	.940	.941	.942	.944	.945	.946	.947	.949	.950	.951
21.7	.940	.941	.942	.943	.945	.946	.947	.948	.949	.951
21.8	.939	.941	.942	.943	.944	.945	.947	.948	.949	.950
21.9	.939	.940	.941	.943	.944	.945	.946	.948	.949	.950
22.0	.939	.940	.941	.942	.944	.945	.946	.947	.948	.950
22.1	.938	.940	.941	.942	.943	.944	.946	.947	.948	.949
22.2	.938	.939	.940	.942	.943	.944	.945	.947	.948	.949
22.3	.938	.939	.940	.941	.943	.944	.945	.946	.947	.949
22.4	.937	.939	.940	.941	.942	.944	.945	.946	.947	.948
22.5	.937	.938	.940	.941	.942	.943	.944	.946	.947	.948
22.6	.937	.938	.939	.940	.942	.943	.944	.945	.946	.948
22.7	.936	.938	.939	.940	.941	.943	.944	.945	.946	.947
22.8	.936	.937	.939	.940	.941	.942	.943	.945	.946	.947
22.9	.936	.937	.938	.939	.941	.942	.943	.944	.946	.947
23.0	.936	.937	.938	.939	.940	.942	.943	.944	.945	.946
23.1	.935	.936	.938	.939	.940	.941	.942	.944	.945	.946
23.2	.935	.936	.937	.939	.940	.941	.942	.943	.945	.946
23.3	.935	.936	.937	.938	.939	.941	.942	.943	.944	.945
23.4	.934	.935	.937	.938	.939	.940	.942	.943	.944	.945
23.5	.934	.935	.936	.938	.939	.940	.941	.942	.944	.945
23.6	.934	.935	.936	.937	.938	.940	.941	.942	.943	.945
23.7	.933	.935	.936	.937	.938	.939	.941	.942	.943	.944
23.8	.933	.934	.935	.937	.938	.939	.940	.941	.943	.944
23.9	.933	.934	.935	.936	.938	.939	.940	.941	.942	.944
24.0	.932	.934	.935	.936	.937	.938	.940	.941	.942	.943
24.1	.932	.933	.934	.936	.937	.938	.939	.941	.942	.943
24.2	.932	.933	.934	.935	.937	.938	.939	.940	.941	.943
24.3	.931	.933	.934	.935	.936	.937	.939	.940	.941	.942
24.4	.931	.932	.934	.935	.936	.937	.938	.940	.941	.942
24.5	.931	.932	.933	.934	.936	.937	.938	.939	.940	.942
24.6	.930	.932	.933	.934	.935	.937	.938	.939	.940	.941
24.7	.930	.931	.933	.934	.935	.936	.937	.939	.940	.941
24.8	.930	.931	.932	.933	.935	.936	.937	.938	.939	.941
24.9	.930	.931	.932	.933	.934	.936	.937	.938	.939	.940
25.0	.929	.930	.932	.933	.934	.935	.936	.938	.939	.940

TABLE 10.—Factors for reduction of volumes to 0° C. and 760 mm. pressure—*Continued.*

Temp. °C.	Barometric pressure in millimeters.									
	771	772	773	774	775	776	777	778	779	780
25.1	0.929	0.930	0.931	0.933	0.934	0.935	0.936	0.937	0.939	0.940
25.2	.929	.930	.931	.932	.933	.935	.936	.937	.938	.939
25.3	.928	.929	.931	.932	.933	.934	.936	.937	.938	.939
25.4	.928	.929	.930	.932	.933	.934	.935	.936	.938	.939
25.5	.928	.929	.930	.931	.932	.934	.935	.936	.937	.939
25.6	.927	.929	.930	.931	.932	.933	.935	.936	.937	.938
25.7	.927	.928	.929	.931	.932	.933	.934	.935	.937	.938
25.8	.927	.928	.929	.930	.932	.933	.934	.935	.936	.938
25.9	.926	.928	.929	.930	.931	.932	.934	.935	.936	.937
26.0	.926	.927	.929	.930	.931	.932	.933	.935	.936	.937
26.1	.926	.927	.928	.929	.931	.932	.933	.934	.935	.937
26.2	.925	.927	.928	.929	.930	.932	.933	.934	.935	.936
26.3	.925	.926	.928	.929	.930	.931	.932	.934	.935	.936
26.4	.925	.926	.927	.928	.930	.931	.932	.933	.934	.936
26.5	.925	.926	.927	.928	.929	.931	.932	.933	.934	.935
26.6	.924	.925	.927	.928	.929	.930	.931	.933	.934	.935
26.7	.924	.925	.926	.928	.929	.930	.931	.932	.934	.935
26.8	.924	.925	.926	.927	.928	.930	.931	.932	.933	.934
26.9	.923	.925	.926	.927	.928	.929	.931	.932	.933	.934
27.0	.923	.924	.925	.927	.928	.929	.930	.931	.933	.934
27.1	.923	.924	.925	.926	.928	.929	.930	.931	.932	.933
27.2	.922	.924	.925	.926	.927	.928	.930	.931	.932	.933
27.3	.922	.923	.924	.926	.927	.928	.929	.930	.932	.933
27.4	.922	.923	.924	.925	.927	.928	.929	.930	.931	.933
27.5	.921	.923	.924	.925	.926	.927	.929	.930	.931	.932
27.6	.921	.922	.924	.925	.926	.927	.928	.930	.931	.932
27.7	.921	.922	.923	.924	.926	.927	.928	.929	.930	.932
27.8	.921	.922	.923	.924	.925	.927	.928	.929	.930	.931
27.9	.920	.921	.923	.924	.925	.926	.927	.929	.930	.931
28.0	.920	.921	.922	.924	.925	.926	.927	.928	.929	.931
28.1	.920	.921	.922	.923	.924	.926	.927	.928	.929	.930
28.2	.919	.921	.922	.923	.924	.925	.926	.928	.929	.930
28.3	.919	.920	.921	.923	.924	.925	.926	.927	.929	.930
28.4	.919	.920	.921	.922	.923	.925	.926	.927	.928	.929
28.5	.918	.920	.921	.922	.923	.924	.926	.927	.928	.929
28.6	.918	.919	.921	.922	.923	.924	.925	.926	.928	.929
28.7	.918	.919	.920	.921	.923	.924	.925	.926	.927	.929
28.8	.917	.919	.920	.921	.922	.923	.925	.926	.927	.928
28.9	.917	.918	.920	.921	.922	.923	.924	.926	.927	.928
29.0	.917	.918	.919	.920	.922	.923	.924	.925	.926	.928
29.1	.917	.918	.919	.920	.921	.923	.924	.925	.926	.927
29.2	.916	.917	.919	.920	.921	.922	.923	.925	.926	.927
29.3	.916	.917	.918	.920	.921	.922	.923	.924	.925	.927
29.4	.916	.917	.918	.919	.920	.922	.923	.924	.925	.926
29.5	.915	.917	.918	.919	.920	.921	.923	.924	.925	.926
29.6	.915	.916	.917	.919	.920	.921	.922	.923	.925	.926
29.7	.915	.916	.917	.918	.920	.921	.922	.923	.924	.925
29.8	.914	.916	.917	.918	.919	.920	.922	.923	.924	.925
29.9	.914	.915	.917	.918	.919	.920	.921	.922	.924	.925
30.0	*.914*	*.915*	.916	.917	.919	.920	.921	.922	.923	.925

TABLE 11.

Volumes of oxygen in incoming air corresponding to 100 volumes of outgoing air with different percentages of nitrogen (79.03 : p. ct. N_2 :: 20.94 : x); x = volumes of oxygen in incoming air.

Per cent N_2.	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
78.5	20.80	20.80	20.80	20.81	20.81	20.81	20.82	20.82	20.82	20.82
78.6	20.83	20.83	20.83	20.83	20.84	20.84	20.84	20.84	20.85	20.85
78.7	20.85	20.86	20.86	20.86	20.86	20.87	20.87	20.87	20.87	20.88
78.8	20.88	20.88	20.88	20.89	20.89	20.89	20.89	20.90	20.90	20.90
78.9	20.91	20.91	20.91	20.91	20.92	20.92	20.92	20.92	20.93	20.93
79.0	20.93	20.93	20.94	20.94	20.94	20.95	20.95	20.95	20.95	20.96
79.1	20.96	20.96	20.96	20.97	20.97	20.97	20.97	20.98	20.98	20.98
79.2	20.99	20.99	20.99	20.99	21.00	21.00	21.00	21.00	21.01	21.01
79.3	21.01	21.01	21.02	21.02	21.02	21.02	21.03	21.03	21.03	21.04
79.4	21.04	21.04	21.04	21.05	21.05	21.05	21.05	21.06	21.06	21.06
79.5	21.07	21.07	21.07	21.07	21.08	21.08	21.08	21.08	21.09	21.09
79.6	21.09	21.09	21.10	21.10	21.10	21.10	21.11	21.11	21.11	21.11
79.7	21.12	21.12	21.12	21.13	21.13	21.13	21.13	21.14	21.14	21.14
79.8	21.14	21.15	21.15	21.15	21.15	21.16	21.16	21.16	21.17	21.17
79.9	21.17	21.17	21.18	21.18	21.18	21.18	21.19	21.19	21.19	21.19
80.0	21.20	21.20	21.20	21.20	21.21	21.21	21.21	21.22	21.22	21.22
80.1	21.22	21.23	21.23	21.23	21.23	21.24	21.24	21.24	21.24	21.25
80.2	21.25	21.25	21.26	21.26	21.26	21.26	21.27	21.27	21.27	21.27
80.3	21.28	21.28	21.28	21.28	21.29	21.29	21.29	21.30	21.30	21.30
80.4	21.30	21.31	21.31	21.31	21.31	21.32	21.32	21.32	21.32	21.33
80.5	21.33	21.33	21.33	21.34	21.34	21.34	21.35	21.35	21.35	21.35

TABLE 12.

Factors and their logarithms for converting dry gases at 0° C. and 760 millimeters pressure to the observed pressure p (corrected to 0° C. for scale correction) and to saturation at 37° C. (body-temperature).

$$\text{Formula} = \frac{760}{p-47} \times \frac{310}{273} \times \text{vol. at 0° C. and 760 millimeters pressure.}$$

Pressure, p.	Factor.	Logarithm of factor.	Pressure, p.	Factor.	Logarithm of factor.	Pressure, p.	Factor.	Logarithm of factor.
738	1.249	0.09653	753	1.222	0.08721	768	1.197	0.07807
739	1.247	09590	754	1.221	08659	769	1.195	07747
740	1.245	09528	755	1.219	08598	770	1.194	07687
741	1.244	09465	756	1.217	08536	771	1.192	07627
742	1.242	09403	757	1.215	08475	772	1.190	07567
743	1.240	09340	758	1.214	08414	773	1.189	07507
744	1.238	09278	759	1.212	08353	774	1.187	07448
745	1.236	09215	760	1.210	08292	775	1.185	07388
746	1.235	09153	761	1.209	08231	776	1.184	07328
747	1.233	09091	762	1.207	08170	777	1.182	07269
748	1.231	09029	763	1.205	08110	778	1.181	07209
749	1.229	08967	764	1.204	08049	779	1.179	07150
750	1.228	08905	765	1.202	07989	780	1.177	07091
751	1.226	08844	766	1.200	08928	781	1.176	07031
752	1.224	08782	767	1.199	07868			

NOTE: This table is for obtaining the volume per respiration. To use it, multiply the reduced ventilation per minute by the factor for p (p = observed barometric pressure corrected to 0° C. for scale correction, but not for tension of aqueous vapor) and divide by the respiration rate. The result will be volume per respiration in liters. (If body-temperature is taken as 34° C., the factor will be lowered about 1 per cent.)

TABLE 13.

Calorific values of oxygen and carbon dioxide for non-protein respiratory quotients and proportions of energy from carbohydrate and fat consumed.

Non-protein respiratory quotient.	Calories per liter of O_2.[1]		Calories per liter of CO_2.[2]		Proportion of calories from—	
	Number.	Logarithm.	Number.	Logarithm.	Carbohydrate.[3]	Fat.[3]
					Per cent	*Per cent*
0.70	4.686	0.67080	6.694	0.82569	0.0	100.0
.71	4.690	67117	6.606	81994	1.4	98.6
.72	4.702	67228	6.531	81498	4.8	95.2
.73	4.714	67339	6.458	81010	8.2	91.8
.74	4.727	67459	6.388	80536	11.6	88.4
.75	4.739	67569	6.319	80065	15.0	85.0
.76	4.752	67688	6.253	79609	18.4	81.6
.77	4.764	67797	6.187	79148	21.8	78.2
.78	4.776	67906	6.123	78696	25.2	74.8
.79	4.789	68024	6.062	78262	28.6	71.4
.80	4.801	68133	6.001	77822	32.0	68.0
.81	4.813	68242	5.942	77393	35.4	64.6
.82	4.825	68350	5.884	76967	38.8	61.2
.83	4.838	68467	5.829	76559	42.2	57.8
.84	4.850	68574	5.774	76148	45.6	54.4
.85	4.863	68690	5.721	75747	49.0	51.0
.86	4.875	68797	5.669	75351	52.4	47.6
.87	4.887	68904	5.617	74950	55.8	44.2
.88	4.900	69020	5.568	74570	59.2	40.8
.89	4.912	69126	5.519	74186	62.6	37.4
.90	4.924	69232	5.471	73807	66.0	34.0
.91	4.936	69338	5.424	73432	69.4	30.6
.92	4.948	69443	5.378	73062	72.8	27.2
.93	4.960	69548	5.333	72697	76.2	23.8
.94	4.973	69662	5.290	72346	79.6	20.4
.95	4.985	69767	5.247	71991	83.0	17.0
.96	4.997	69871	5.205	71642	86.4	13.6
.97	5.010	69984	5.165	71307	89.8	10.2
.98	5.022	70088	5.124	70961	93.2	6.8
.99	5.034	70191	5.085	70629	96.6	3.4
1.00	5.047	70303	5.047	70303	100.0	0.0

[1] For the factors here given see Zuntz and Schumburg, Physiologie des Marsches, Berlin, 1901, p. 361. The logarithms, however, correspond to the numbers of calories.

[2] Benedict and Talbot, Carnegie Inst. Wash. Pub. No. 201, 1914, p. 29.

[3] Williams, Riche and Lusk, Journ. Biol. Chem., 1912, **12**, p. 357.

TABLE 14.

Heat-production per minute, per hour, and per 24 hours, calculated from oxygen consumption per minute at respiratory quotient 0.82. (Calorific equivalent of oxygen per liter = 4.825 calories.)

Oxygen per minute.	Heat production.			Oxygen per minute.	Heat production.			Oxygen per minute.	Heat production.		
	Per minute.	Per hour.	Per 24 hours.		Per minute.	Per hour.	Per 24 hours.		Per minute.	Per hour.	Per 24 hours.
c.c.	*cals.*	*cals.*	*cals.*	*c.c.*	*cals.*	*cals.*	*cals.*	*c.c.*	*cals.*	*cals.*	*cals.*
151	0.729	43.7	1049	201	0.970	58.2	1397	251	1.21	72.7	1744
152	.733	44.0	1056	202	.975	58.5	1403	252	1.22	73.0	1751
153	.738	44.3	1063	203	.979	58.8	1410	253	1.22	73.2	1758
154	.743	44.6	1070	204	.984	59.1	1417	254	1.23	73.5	1765
155	.748	44.9	1077	205	.989	59.3	1424	255	1.23	73.8	1772
156	.753	45.2	1084	206	.994	59.6	1431	256	1.24	74.1	1779
157	.758	45.5	1091	207	.999	59.9	1438	257	1.24	74.4	1786
158	.762	45.7	1098	208	1.00	60.2	1445	258	1.24	74.7	1793
159	.767	46.0	1105	209	1.01	60.5	1452	259	1.25	75.0	1800
160	.772	46.3	1112	210	1.01	60.8	1459	260	1.25	75.3	1806
161	.777	46.6	1119	211	1.02	61.1	1466	261	1.26	75.6	1813
162	.782	46.9	1126	212	1.02	61.4	1473	262	1.26	75.8	1820
163	.786	47.2	1133	213	1.03	61.7	1480	263	1.27	76.1	1827
164	.791	47.5	1139	214	1.03	62.0	1487	264	1.27	76.4	1834
165	.796	47.8	1146	215	1.04	62.2	1494	265	1.28	76.7	1841
166	.801	48.1	1153	216	1.04	62.5	1501	266	1.28	77.0	1848
167	.806	48.3	1160	217	1.05	62.8	1508	267	1.29	77.3	1855
168	.811	48.6	1167	218	1.05	63.1	1515	268	1.29	77.6	1862
169	.815	48.9	1174	219	1.06	63.4	1522	269	1.30	77.9	1869
170	.820	49.2	1181	220	1.06	63.7	1529	270	1.30	78.2	1876
171	.825	49.5	1188	221	1.07	64.0	1536	271	1.31	78.5	1883
172	.830	49.8	1195	222	1.07	64.3	1542	272	1.31	78.7	1890
173	.835	50.1	1202	223	1.08	64.6	1549	273	1.32	79.0	1897
174	.840	50.4	1209	224	1.08	64.8	1556	274	1.32	79.3	1904
175	.844	50.7	1216	225	1.09	65.1	1563	275	1.33	79.6	1911
176	.849	51.0	1223	226	1.09	65.4	1570	276	1.33	79.9	1918
177	.854	51.2	1230	227	1.10	65.7	1577	277	1.34	80.2	1925
178	.859	51.5	1237	228	1.10	66.0	1584	278	1.34	80.5	1932
179	.864	51.8	1244	229	1.10	66.3	1591	279	1.35	80.8	1938
180	.869	52.1	1251	230	1.11	66.6	1598	280	1.35	81.1	1945
181	.873	52.4	1258	231	1.11	66.9	1605	281	1.36	81.3	1952
182	.878	52.7	1265	232	1.12	67.2	1612	282	1.36	81.6	1959
183	.883	53.0	1271	233	1.12	67.5	1619	283	1.37	81.9	1966
184	.888	53.3	1278	234	1.13	67.7	1626	284	1.37	82.2	1973
185	.893	53.6	1285	235	1.13	68.0	1633	285	1.38	82.5	1980
186	.897	53.8	1292	236	1.14	68.3	1640	286	1.38	82.8	1987
187	.902	54.1	1299	237	1.14	68.6	1647	287	1.38	83.1	1994
188	.907	54.4	1306	238	1.15	68.9	1654	288	1.39	83.4	2001
189	.912	54.7	1313	239	1.15	69.2	1661	289	1.39	83.7	2008
190	.917	55.0	1320	240	1.16	69.5	1668	290	1.40	84.0	2015
191	.922	55.3	1327	241	1.16	69.8	1674	291	1.40	84.2	2022
192	.926	55.6	1334	242	1.17	70.1	1681	292	1.41	84.5	2029
193	.931	55.9	1341	243	1.17	70.3	1688	293	1.41	84.8	2036
194	.936	56.2	1348	244	1.18	70.6	1695	294	1.42	85.1	2043
195	.941	56.5	1355	245	1.18	70.9	1702	295	1.42	85.4	2050
196	.946	56.7	1362	246	1.19	71.2	1709	296	1.43	85.7	2057
197	.951	57.0	1369	247	1.19	71.5	1716	297	1.43	86.0	2064
198	.955	57.3	1376	248	1.20	71.8	1723	298	1.44	86.3	2071
199	.960	57.6	1383	249	1.20	72.1	1730	299	1.44	86.6	2077
200	.965	57.9	1390	250	1.21	72.4	1737	300	1.45	86.9	2084

TABLE 15.

Comparative scales of kilograms and pounds, centimeters and inches.

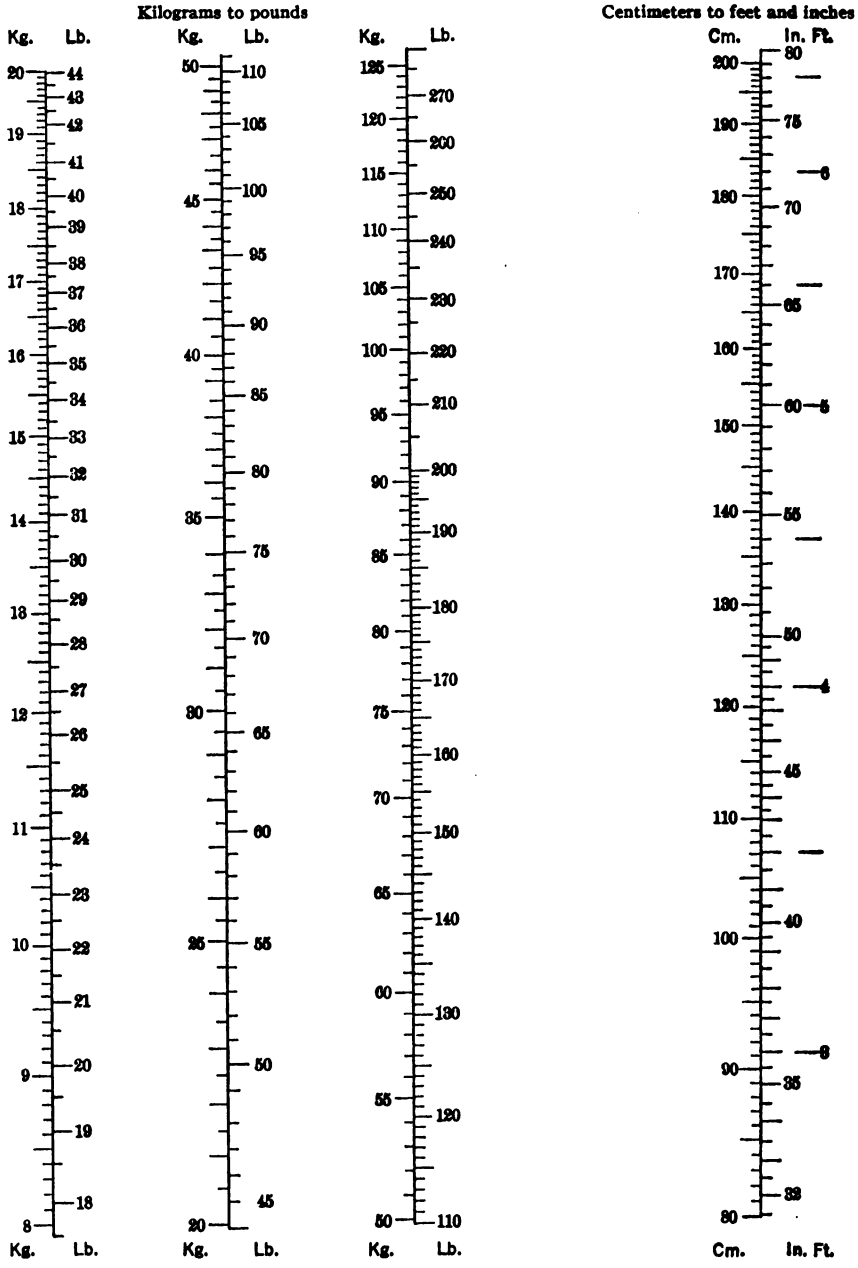

TABLE 16.

Body-surfaces of infants computed from the Lissauer formula ($10.3\sqrt[3]{w^2}$).[1]

Body-weight.	Body-surface.	Body-weight.	Body-surface.	Body-weight.	Body-surface.	Body-weight.	Body-surface.
kg.	*sq. m.*	*kg.*	*sq. m.*	*kg.*	*sq. m.*	*kg.*	*sq. m.*
2.00	0.163	2.80	0.205	3.55	0.239	4.30	0.272
2.05	.166	2.85	.207	3.60	.241	4.35	.274
2.10	.169	2.90	.210	3.65	.244	4.40	.277
2.15	.172	2.95	.212	3.70	.246	4.45	.279
2.20	.174	3.00	.214	3.75	.249	4.50	.281
2.25	.177	3.05	.217	3.80	.251	4.55	.283
2.30	.179	3.10	.219	3.85	.253	4.60	.285
2.35	.182	3.15	.222	3.90	.255	4.65	.287
2.40	.184	3.20	.224	3.95	.257	4.70	.289
2.45	.187	3.25	.226	4.00	.260	4.75	.291
2.50	.190	3.30	.228	4.05	.262	4.80	.293
2.55	.192	3.35	.231	4.10	.264	4.85	.295
2.60	.195	3.40	.233	4.15	.266	4.90	.297
2.65	.197	3.45	.235	4.20	.268	4.95	.299
2.70	.200	3.50	.237	4.25	.270	5.00	.301
2.75	.202						

[1] Benedict and Talbot, Carnegie Inst. Wash. Pub. No. 233, 1915, p. 110.

TABLE 17.

Constants for computing surface-area of children from formula: Area $= K\sqrt[3]{w^2}$.[1]

Boys.		Girls.	
Body-weight (without clothing).	Constant.	Body-weight (without clothing).	Constant.
Up to 6 kg.	10.0	Up to 6 kg.	10.1
15 kg.	10.6	10 kg.	10.6
25 kg.	11.2	20 kg.	10.8
40 kg.	11.5	40 kg.	11.1

[1] Benedict and Talbot, Carnegie Inst. Wash. Pub. No. 302, 1921, table 14, p. 61.

TABLE 18.

Du Bois formula and chart for ascertaining body-surface of men and women.

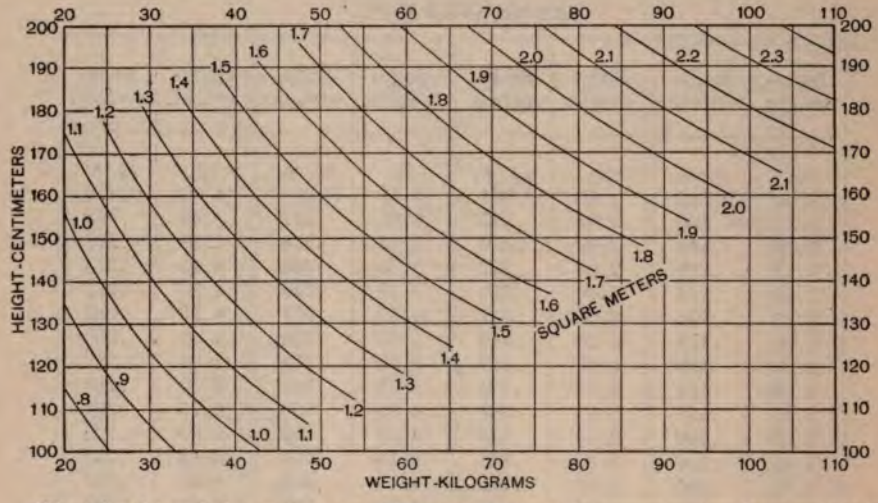

Chart for determining surface-area of men and women in square meters from weight in kilograms (*Wt.*) and height in centimeters (*Ht.*) according to the formula:

$$\text{Area (sq. cm.)} = Wt.^{0.425} \times Ht.^{0.725} \times 71.84.$$

TABLE 19.

Formula for predicting basal heat-production of new-born infants per 24 hours.

$h = l \times 12.65 \times 0.103 \sqrt[3]{w^2}$

h = heat per 24 hours.

l = length in centimeters; w = weight in kilograms.

TABLE 20.

Basal heat-production of boys and girls per 24 hours, predicted from body-weight.[1]

Weight without clothing.	Boys.	Girls.	Weight without clothing.	Boys.	Girls.	Weight without clothing.	Boys.	Girls.
kilos.	*cals.*	*cals.*	*kilos.*	*cals.*	*cals.*	*kilos.*	*cals.*	*cals.*
3	150	150	15	725	690	27	1045	975
4	210	220	16	755	710	28	1070	1000
5	270	285	17	780	735	29	1090	1020
6	330	350	18	805	760	30	1115	1045
7	390	405	19	830	780	31	1140	1070
8	445	460	20	860	805	32	1160	1090
9	495	500	21	885	830	33	1180	
10	545	540	22	910	855	34	1200	
11	590	580	23	940	880	35	1220	
12	625	610	24	965	900	36	1240	
13	660	640	25	990	930	37	1255	
14	695	665	26	1020	950	38	1275	

[1] Benedict and Talbot, Carnegie Inst. Wash. Pub. No. 302, 1921, table 36, p. 206.

TABLE 21.

Basal heat-production per kilogram per 24 hours, predicted from age, for girls from 12 to 17 years of age.

Age.	Predicted per kilogram per 24 hours.
years	*calories*
12	30.9
12½	29.9
13	28.8
13½	27.7
14	26.7
14½	25.7
15	24.6
15½	23.6
16	22.6
16½	21.7
17	21.2

TABLE 22.

Formula for predicting basal heat-production of males per 24 hours.

$$h = 66.473 + 13.752w + 5.003s - 6.755a$$

h = heat-production per 24 hours.
w = weight in kilograms.
s = stature in centimeters.
a = age in years.

TABLE 23.

Formula for predicting basal heat-production per 24 hours for women.

$$h = 655.096 + 9.563w + 1.850s - 4.676a.$$

h = heat-production per 24 hours.
w = weight in kilograms.
s = stature in centimeters.
a = age in years.

TABLE 24.

Standard multiple-prediction tables for normal basal heat-production of men per 24 hours. Factor for body-weight.[1]

	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
25	410	412	413	414	416	417	419	420	421	423
26	424	425	427	428	430	431	432	434	435	436
27	438	439	441	442	443	445	446	447	449	450
28	452	453	454	456	457	458	460	461	463	464
29	465	467	468	469	471	472	474	475	476	478
30	479	480	482	483	485	486	487	489	490	491
31	493	494	496	497	498	500	501	502	504	505
32	507	508	509	511	512	513	515	516	518	519
33	520	522	523	524	526	527	529	530	531	533
34	534	535	537	538	540	541	542	544	545	546
35	548	549	551	552	553	555	556	557	559	560
36	562	563	564	566	567	568	570	571	573	574
37	575	577	578	579	581	582	584	585	586	588
38	589	590	592	593	595	596	597	599	600	601
39	603	604	606	607	608	610	611	612	614	615
40	617	618	619	621	622	623	625	626	628	629
41	630	632	633	634	636	637	639	640	641	643
42	644	645	647	648	650	651	652	654	655	656
43	658	659	661	662	663	665	666	667	669	670
44	672	673	674	676	677	678	680	681	683	684
45	685	687	688	689	691	692	694	695	696	698
46	699	700	702	703	705	706	707	709	710	711
47	713	714	716	717	718	720	721	722	724	725
48	727	728	729	731	732	733	735	736	738	739
49	740	742	743	744	746	747	749	750	751	753
50	754	755	757	758	760	761	762	764	765	766
51	768	769	771	772	773	775	776	777	779	780
52	782	783	784	786	787	788	790	791	793	794
53	795	797	798	799	801	802	804	805	806	808
54	809	810	812	813	815	816	817	819	820	821
55	823	824	826	827	828	830	831	832	834	835
56	837	838	839	841	842	843	845	846	848	849
57	850	852	853	854	856	857	859	860	861	863
58	864	865	867	868	870	871	872	874	875	876
59	878	879	881	882	883	885	886	887	889	890
60	892	893	894	896	897	898	900	901	903	904
61	905	907	908	909	911	912	914	915	916	918
62	919	920	922	923	925	926	927	929	930	931
63	933	934	936	937	938	940	941	942	944	945
64	947	948	949	951	952	953	955	956	958	959
65	960	962	963	964	966	967	969	970	971	973
66	974	975	977	978	980	981	982	984	985	986
67	988	989	991	992	993	995	996	997	999	1000
68	1002	1003	1004	1006	1007	1008	1010	1011	1013	1014
69	1015	1017	1018	1019	1021	1022	1024	1025	1026	1028
70	1029	1030	1032	1033	1035	1036	1037	1039	1040	1041
71	1043	1044	1046	1047	1048	1050	1051	1052	1054	1055
72	1057	1058	1059	1061	1062	1063	1065	1066	1068	1069
73	1070	1072	1073	1074	1076	1077	1079	1080	1081	1083
74	1084	1085	1087	1088	1090	1091	1092	1094	1095	1096

[1] This table is found in Carnegie Inst. Wash. Pub. No. 279, 1919, pp. 253 and 254.

TABLE 24—*Continued.*

	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
75	1098	1099	1101	1102	1103	1105	1106	1107	1109	1110
76	1112	1113	1114	1116	1117	1118	1120	1121	1123	1124
77	1125	1127	1128	1129	1131	1132	1134	1135	1136	1138
78	1139	1140	1142	1143	1145	1146	1147	1149	1150	1151
79	1153	1154	1156	1157	1158	1160	1161	1162	1164	1165
80	1167	1168	1169	1171	1172	1173	1175	1176	1178	1179
81	1180	1182	1183	1184	1186	1187	1189	1190	1191	1193
82	1194	1195	1197	1198	1200	1201	1202	1204	1205	1206
83	1208	1209	1211	1212	1213	1215	1216	1217	1219	1220
84	1222	1223	1224	1226	1227	1228	1230	1231	1233	1234
85	1235	1237	1238	1239	1241	1242	1244	1245	1246	1248
86	1249	1250	1252	1253	1255	1256	1257	1259	1260	1261
87	1263	1264	1266	1267	1268	1270	1271	1272	1274	1275
88	1277	1278	1279	1281	1282	1283	1285	1286	1288	1289
89	1290	1292	1293	1294	1296	1297	1299	1300	1301	1303
90	1304	1305	1307	1308	1310	1311	1312	1314	1315	1316
91	1318	1319	1321	1322	1323	1325	1326	1327	1329	1330
92	1332	1333	1334	1336	1337	1338	1340	1341	1343	1344
93	1345	1347	1348	1349	1351	1352	1354	1355	1356	1358
94	1359	1360	1362	1363	1365	1366	1367	1369	1370	1371
95	1373	1374	1376	1377	1378	1380	1381	1383	1384	1385
96	1387	1388	1389	1391	1392	1394	1395	1396	1398	1399
97	1400	1402	1403	1405	1406	1407	1409	1410	1411	1413
98	1414	1416	1417	1418	1420	1421	1422	1424	1425	1427
99	1428	1429	1431	1432	1433	1435	1436	1438	1439	1440
100	1442	1443	1444	1446	1447	1449	1450	1451	1453	1454
101	1455	1457	1458	1460	1461	1462	1464	1465	1466	1468
102	1469	1471	1472	1473	1475	1476	1477	1479	1480	1482
103	1483	1484	1486	1487	1488	1490	1491	1493	1494	1495
104	1497	1498	1499	1501	1502	1504	1505	1506	1508	1509
105	1510	1512	1513	1515	1516	1517	1519	1520	1521	1523
106	1524	1526	1527	1528	1530	1531	1532	1534	1535	1537
107	1538	1539	1541	1542	1543	1545	1546	1548	1549	1550
108	1552	1553	1554	1556	1557	1559	1560	1561	1563	1564
109	1565	1567	1568	1570	1571	1572	1574	1575	1576	1578
110	1579	1581	1582	1583	1585	1586	1587	1589	1590	1592
111	1593	1594	1596	1597	1598	1600	1601	1603	1604	1605
112	1607	1608	1609	1611	1612	1614	1615	1616	1618	1619
113	1620	1622	1623	1625	1626	1627	1629	1630	1631	1633
114	1634	1636	1637	1638	1640	1641	1642	1644	1645	1647
115	1648	1649	1651	1652	1653	1655	1656	1658	1659	1660
116	1662	1663	1664	1666	1667	1669	1670	1671	1673	1674
117	1675	1677	1678	1680	1681	1682	1684	1685	1686	1688
118	1689	1691	1692	1693	1695	1696	1697	1699	1700	1702
119	1703	1704	1706	1707	1708	1710	1711	1713	1714	1715
120	1717	1718	1719	1721	1722	1724	1725	1726	1728	1729
121	1730	1732	1733	1735	1736	1737	1739	1740	1741	1743
122	1744	1746	1747	1748	1750	1751	1752	1754	1755	1757
123	1758	1759	1761	1762	1763	1765	1766	1768	1769	1770
124	1772	1773	1774	1776	1777	1779	1780	1781	1783	1784

TABLE 25.

Standard multiple-prediction tables for normal basal heat-production of men per 24 hours. Factor for age and stature.[1]

	21	22	23	24	25	26	27	28	29	30	31	32	33	34
151	614	607	600	593	587	580	573	566	560	553	546	539	533	526
152	619	612	605	598	592	585	578	571	565	558	551	544	538	531
153	624	617	610	603	597	590	583	576	570	563	556	549	543	536
154	629	622	615	608	602	595	588	581	575	568	561	554	548	541
155	634	627	620	613	607	600	593	586	580	573	566	559	553	546
156	639	632	625	618	612	605	598	591	585	578	571	564	558	551
157	644	637	630	623	617	610	603	596	590	583	576	569	563	556
158	649	642	635	628	622	615	608	601	595	588	581	574	568	561
159	654	647	640	633	627	620	613	606	600	593	586	579	573	566
160	659	652	645	638	632	625	618	611	605	598	591	584	578	571
161	664	657	650	643	637	630	623	616	610	603	596	589	583	576
162	669	662	655	648	642	635	628	621	615	608	601	594	588	581
163	674	667	660	653	647	640	633	626	620	613	606	599	593	586
164	679	672	665	658	652	645	638	631	625	618	611	604	598	591
165	684	677	670	663	657	650	643	636	630	623	616	609	603	596
166	689	682	675	668	662	655	648	641	635	628	621	614	608	601
167	694	687	680	673	667	660	653	646	640	633	626	619	613	606
168	699	692	685	678	672	665	658	651	645	638	631	624	618	611
169	704	697	690	683	677	670	663	656	650	643	636	629	623	616
170	709	702	695	688	682	675	668	661	655	648	641	634	628	621
171	714	707	700	693	687	680	673	666	660	653	646	639	633	626
172	719	712	705	698	692	685	678	671	665	658	651	644	638	631
173	724	717	710	703	697	690	683	676	670	663	656	649	643	636
174	729	722	715	708	702	695	688	681	675	668	661	654	648	641
175	734	727	720	713	707	700	693	686	680	673	666	659	653	646
176	739	732	725	718	712	705	698	691	685	678	671	664	658	651
177	744	737	730	723	717	710	703	696	690	683	676	669	663	656
178	749	742	735	728	722	715	708	701	695	688	681	674	668	661
179	754	747	740	733	727	720	713	706	700	693	686	679	673	666
180	759	752	745	738	732	725	718	711	705	698	691	684	678	671
181	764	757	750	743	737	730	723	716	710	703	696	689	683	676
182	769	762	755	748	742	735	728	721	715	708	701	694	688	681
183	774	767	760	753	747	740	733	726	720	713	706	699	693	686
184	779	772	765	758	752	745	738	731	725	718	711	704	698	691
185	784	777	770	763	757	750	743	736	730	723	716	709	703	696
186	789	782	775	768	762	755	748	741	735	728	721	714	708	701
187	794	787	780	773	767	760	753	746	740	733	726	719	713	706
188	799	792	785	779	772	765	758	751	745	738	731	724	718	711
189	804	797	790	784	777	770	763	756	750	743	736	729	723	716
190	809	802	795	789	782	775	768	761	755	748	741	734	728	721
191	814	807	800	794	787	780	773	766	760	753	746	739	733	726
192	819	812	805	799	792	785	778	771	765	758	751	744	738	731
193	824	817	810	804	797	790	783	776	770	763	756	749	743	736
194	829	822	815	809	802	795	788	781	775	768	761	754	748	741
195	834	827	820	814	807	800	793	787	780	773	766	759	753	746
196	839	832	825	819	812	805	798	792	785	778	771	764	758	751
197	844	837	830	824	817	810	803	797	790	783	776	769	763	756
198	849	842	835	829	822	815	808	802	795	788	781	774	768	761
199	854	847	840	834	827	820	813	807	800	793	786	779	773	766
200	859	852	845	839	832	825	818	812	805	798	791	785	778	771

[1] This table is found in Carnegie Inst. Wash. Pub. No. 279, 1919, pp. 255 to 259.

TABLE 25—*Continued.*

	35	36	37	38	39	40	41	42	43	44	45	46	47
151	519	512	506	499	492	485	479	472	465	458	452	445	438
152	524	517	511	504	497	490	484	477	470	463	457	450	443
153	529	522	516	509	502	495	489	482	475	468	462	455	448
154	534	527	521	514	507	500	494	487	480	473	467	460	453
155	539	532	526	519	512	505	499	492	485	478	472	465	458
156	544	537	531	524	517	510	504	497	490	483	477	470	463
157	549	542	536	529	522	515	509	502	495	488	482	475	468
158	554	547	541	534	527	520	514	507	500	493	487	480	473
159	559	552	546	539	532	525	519	512	505	498	492	485	478
160	564	557	551	544	537	530	524	517	510	503	497	490	483
161	569	562	556	549	542	535	529	522	515	508	502	495	488
162	574	567	561	554	547	540	534	527	520	513	507	500	493
163	579	572	566	559	552	545	539	532	525	518	512	505	498
164	584	577	571	564	557	550	544	537	530	523	517	510	503
165	589	582	576	569	562	555	549	542	535	528	522	515	508
166	594	587	581	574	567	560	554	547	540	533	527	520	513
167	599	592	586	579	572	565	559	552	545	538	532	525	518
168	604	597	591	584	577	570	564	557	550	543	537	530	523
169	609	602	596	589	582	575	569	562	555	548	542	535	528
170	614	607	601	594	587	580	574	567	560	553	547	540	533
171	619	612	606	599	592	585	579	572	565	558	552	545	538
172	624	617	611	604	597	590	584	577	570	563	557	550	543
173	629	622	616	609	602	595	589	582	575	568	562	555	548
174	634	627	621	614	607	600	594	587	580	573	567	560	553
175	639	632	626	619	612	605	599	592	585	578	572	565	558
176	644	637	631	624	617	610	604	597	590	583	577	570	563
177	649	642	636	629	622	615	609	602	595	588	582	575	568
178	654	647	641	634	627	620	614	607	600	593	587	580	573
179	659	652	646	639	632	625	619	612	605	598	592	585	578
180	664	657	651	644	637	630	624	617	610	603	597	590	583
181	669	662	656	649	642	635	629	622	615	608	602	595	588
182	674	667	661	654	647	640	634	627	620	613	607	600	593
183	679	672	666	659	652	645	639	632	625	618	612	605	598
184	684	677	671	664	657	650	644	637	630	623	617	610	603
185	689	682	676	669	662	655	649	642	635	628	622	615	608
186	694	687	681	674	667	660	654	647	640	633	627	620	613
187	699	692	686	679	672	665	659	652	645	638	632	625	618
188	704	697	691	684	677	670	664	657	650	643	637	630	623
189	709	702	696	689	682	675	669	662	655	648	642	635	628
190	714	707	701	694	687	680	674	667	660	653	647	640	633
191	719	712	706	699	692	685	679	672	665	658	652	645	638
192	724	717	711	704	697	690	684	677	670	663	657	650	643
193	729	722	716	709	702	695	689	682	675	668	662	655	648
194	734	727	721	714	707	700	694	687	680	673	667	660	653
195	739	732	726	719	712	705	699	692	685	678	672	665	658
196	744	737	731	724	717	710	704	697	690	683	677	670	663
197	749	742	736	729	722	715	709	702	695	688	682	675	668
198	754	747	741	734	727	720	714	707	700	693	687	680	673
199	759	752	746	739	732	725	719	712	705	698	692	685	678
200	764	757	751	744	737	730	724	717	710	703	697	690	683

TABLE 25—*Continued.*

	48	49	50	51	52	53	54	55	56	57	58	59	60
151	431	425	418	411	404	397	391	384	377	370	364	357	350
152	436	430	423	416	409	402	396	389	382	375	369	362	355
153	441	435	428	421	414	407	401	394	387	380	374	367	360
154	446	440	433	426	419	412	406	399	392	385	379	372	365
155	451	445	438	431	424	417	411	404	397	390	384	377	370
156	456	450	443	436	429	422	416	409	402	395	389	382	375
157	461	455	448	441	434	428	421	414	407	400	394	387	380
158	466	460	453	446	439	433	426	419	412	405	399	392	385
159	471	465	458	451	444	438	431	424	417	410	404	397	390
160	476	470	463	456	449	443	436	429	422	415	409	402	395
161	481	475	468	461	454	448	441	434	427	420	414	407	400
162	486	480	473	466	459	453	446	439	432	425	419	412	405
163	491	485	478	471	464	458	451	444	437	431	424	417	410
164	496	490	483	476	469	463	456	449	442	436	429	422	415
165	501	495	488	481	474	468	461	454	447	441	434	427	420
166	506	500	493	486	479	473	466	459	452	446	439	432	425
167	511	505	498	491	484	478	471	464	457	451	444	437	430
168	516	510	503	496	489	483	476	469	462	456	449	442	435
169	521	515	508	501	494	488	481	474	467	461	454	447	440
170	526	520	513	506	499	493	486	479	472	466	459	452	445
171	531	525	518	511	504	498	491	484	477	471	464	457	450
172	536	530	523	516	509	503	496	489	482	476	469	462	455
173	541	535	528	521	514	508	501	494	487	481	474	467	460
174	546	540	533	526	519	513	506	499	492	486	479	472	465
175	551	545	538	531	524	518	511	504	497	491	484	477	470
176	556	550	543	536	529	523	516	509	502	496	489	482	475
177	561	555	548	541	534	528	521	514	507	501	494	487	480
178	566	560	553	546	539	533	526	519	512	506	499	492	485
179	571	565	558	551	544	538	531	524	517	511	504	497	490
180	576	570	563	556	549	543	536	529	522	516	509	502	495
181	581	575	568	561	554	548	541	534	527	521	514	507	500
182	586	580	573	566	559	553	546	539	532	526	519	512	505
183	591	585	578	571	564	558	551	544	537	531	524	517	510
184	596	590	583	576	569	563	556	549	542	536	529	522	515
185	601	595	588	581	574	568	561	554	547	541	534	527	520
186	606	600	593	586	579	573	566	559	552	546	539	532	525
187	611	605	598	591	584	578	571	564	557	551	544	537	530
188	616	610	603	596	589	583	576	569	562	556	549	542	535
189	621	615	608	601	594	588	581	574	567	561	554	547	540
190	626	620	613	606	599	593	586	579	572	566	559	552	545
191	631	625	618	611	604	598	591	584	577	571	564	557	550
192	636	630	623	616	609	603	596	589	582	576	569	562	555
193	641	635	628	621	614	608	601	594	587	581	574	567	560
194	646	640	633	626	619	613	606	599	592	586	579	572	565
195	651	645	638	631	624	618	611	604	597	591	584	577	570
196	656	650	643	636	629	623	616	609	602	596	589	582	575
197	661	655	648	641	634	628	621	614	607	601	594	587	580
198	666	660	653	646	639	633	626	619	612	606	599	592	585
199	671	665	658	651	644	638	631	624	617	611	604	597	590
200	676	670	663	656	649	643	636	629	622	616	609	602	595

TABLE 25—*Continued.*

	61	62	63	64	65	66	67	68	69	70
151	343	337	330	323	316	310	303	296	289	283
152	348	342	335	328	321	315	308	301	294	288
153	353	347	340	333	326	320	313	306	299	293
154	358	352	345	338	331	325	318	311	304	298
155	363	357	350	343	336	330	323	316	309	303
156	368	362	355	348	341	335	328	321	314	308
157	373	367	360	353	346	340	333	326	319	313
158	378	372	365	358	351	345	338	331	324	318
159	383	377	370	363	356	350	343	336	329	323
160	388	382	375	368	361	355	348	341	334	328
161	393	387	380	373	366	360	353	346	339	333
162	398	392	385	378	371	365	358	351	344	338
163	403	397	390	383	376	370	363	356	349	343
164	408	402	395	388	381	375	368	361	354	348
165	413	407	400	393	386	380	373	366	359	353
166	418	412	405	398	391	385	378	371	364	358
167	423	417	410	403	396	390	383	376	369	363
168	428	422	415	408	401	395	388	381	374	368
169	434	427	420	413	406	400	393	386	379	373
170	439	432	425	418	411	405	398	391	384	378
171	444	437	430	423	416	410	403	396	389	383
172	449	442	435	428	421	415	408	401	394	388
173	454	447	440	433	426	420	413	406	399	393
174	459	452	445	438	431	425	418	411	404	398
175	464	457	450	443	437	430	423	416	409	403
176	469	462	455	448	442	435	428	421	414	408
177	474	467	460	453	447	440	433	426	419	413
178	479	472	465	458	452	445	438	431	424	418
179	484	477	470	463	457	450	443	436	429	423
180	489	482	475	468	462	455	448	441	434	428
181	494	487	480	473	467	460	453	446	440	433
182	499	492	485	478	472	465	458	451	445	438
183	504	497	490	483	477	470	463	456	450	443
184	509	502	495	488	482	475	468	461	455	448
185	514	507	500	493	487	480	473	466	460	453
186	519	512	505	498	492	485	478	471	465	458
187	524	517	510	503	497	490	483	476	470	463
188	529	522	515	508	502	495	488	481	475	468
189	534	527	520	513	507	500	493	486	480	473
190	539	532	525	518	512	505	498	491	485	478
191	544	537	530	523	517	510	503	496	490	483
192	549	542	535	528	522	515	508	501	495	488
193	554	547	540	533	527	520	513	506	500	493
194	559	552	545	538	532	525	518	511	505	498
195	564	557	550	543	537	530	523	516	510	503
196	569	562	555	548	542	535	528	521	515	508
197	574	567	560	553	547	540	533	526	520	513
198	579	572	565	558	552	545	538	531	525	518
199	584	577	570	563	557	550	543	536	530	523
200	589	582	575	568	562	555	548	541	535	528

TABLE 26.

Standard multiple-prediction tables for normal basal heat-production of women per 24 hours. Factor for body-weight.[1]

	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
25	894	895	896	897	898	899	900	901	902	903
26	904	905	906	907	908	909	909	910	911	912
27	913	914	915	916	917	918	919	920	921	922
28	923	924	925	926	927	928	929	930	931	931
29	932	933	934	935	936	937	938	939	940	941
30	942	943	944	945	946	947	948	949	950	951
31	952	953	953	954	955	956	957	958	959	960
32	961	962	963	964	965	966	967	968	969	970
33	971	972	973	974	975	975	976	977	978	979
34	980	981	982	983	984	985	986	987	988	989
35	990	991	992	993	994	995	996	997	997	998
36	999	1000	1001	1002	1003	1004	1005	1006	1007	1008
37	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018
38	1019	1019	1020	1021	1022	1023	1024	1025	1026	1027
39	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037
40	1038	1039	1040	1041	1041	1042	1043	1044	1045	1046
41	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056
42	1057	1058	1059	1060	1061	1062	1062	1063	1064	1065
43	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075
44	1076	1077	1078	1079	1080	1081	1082	1083	1084	1084
45	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094
46	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104
47	1105	1106	1106	1107	1108	1109	1110	1111	1112	1113
48	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123
49	1124	1125	1126	1127	1128	1128	1129	1130	1131	1132
50	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142
51	1143	1144	1145	1146	1147	1148	1149	1150	1150	1151
52	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161
53	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171
54	1172	1172	1173	1174	1175	1176	1177	1178	1179	1180
55	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190
56	1191	1192	1193	1194	1194	1195	1196	1197	1198	1199
57	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209
58	1210	1211	1212	1213	1214	1215	1216	1216	1217	1218
59	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228
60	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238
61	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247
62	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257
63	1258	1259	1260	1260	1261	1262	1263	1264	1265	1266
64	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276
65	1277	1278	1279	1280	1281	1281	1282	1283	1284	1285
66	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295
67	1296	1297	1298	1299	1300	1301	1302	1303	1303	1304
68	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314
69	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324
70	1325	1325	1326	1327	1328	1329	1330	1331	1332	1333
71	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343
72	1344	1345	1346	1347	1347	1348	1349	1350	1351	1352
73	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362
74	1363	1364	1365	1366	1367	1368	1369	1369	1370	1371

[1] This table is found in Carnegie Inst. Wash. Pub. No. 279, 1919, pp. 260–261.

TABLE 26—*Continued.*

	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
75	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381
76	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391
77	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400
78	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410
79	1411	1412	1413	1413	1414	1415	1416	1417	1418	1419
80	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429
81	1430	1431	1432	1433	1434	1435	1435	1436	1437	1438
82	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448
83	1449	1450	1451	1452	1453	1454	1455	1456	1457	1457
84	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467
85	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477
86	1478	1479	1479	1480	1481	1482	1483	1484	1485	1486
87	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496
88	1497	1498	1499	1500	1501	1501	1502	1503	1504	1505
89	1506	1507	1508	1509	1510	1511	1512	1513	1514	1515
90	1516	1517	1518	1519	1520	1521	1522	1522	1523	1524
91	1525	1526	1527	1528	1529	1530	1531	1532	1533	1534
92	1535	1536	1537	1538	1539	1540	1541	1542	1543	1544
93	1544	1545	1546	1547	1548	1549	1550	1551	1552	1553
94	1554	1555	1556	1557	1558	1559	1560	1561	1562	1563
95	1564	1565	1566	1566	1567	1568	1569	1570	1571	1572
96	1573	1574	1575	1576	1577	1578	1579	1580	1581	1582
97	1583	1584	1585	1586	1587	1588	1588	1589	1590	1591
98	1592	1593	1594	1595	1596	1597	1598	1599	1600	1601
99	1602	1603	1604	1605	1606	1607	1608	1609	1610	1610
100	1611	1612	1613	1614	1615	1616	1617	1618	1619	1620
101	1621	1622	1623	1624	1625	1626	1627	1628	1629	1630
102	1631	1632	1632	1633	1634	1635	1636	1637	1638	1639
103	1640	1641	1642	1643	1644	1645	1646	1647	1648	1649
104	1650	1651	1652	1653	1654	1654	1655	1656	1657	1658
105	1659	1660	1661	1662	1663	1664	1665	1666	1667	1668
106	1669	1670	1671	1672	1673	1674	1675	1676	1676	1677
107	1678	1679	1680	1681	1682	1683	1684	1685	1686	1687
108	1688	1689	1690	1691	1692	1693	1694	1695	1696	1697
109	1698	1698	1699	1700	1701	1702	1703	1704	1705	1706
110	1707	1708	1709	1710	1711	1712	1713	1714	1715	1716
111	1717	1718	1719	1720	1720	1721	1722	1723	1724	1725
112	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735
113	1736	1737	1738	1739	1740	1741	1741	1742	1743	1744
114	1745	1746	1747	1748	1749	1750	1751	1752	1753	1754
115	1755	1756	1757	1758	1759	1760	1761	1762	1763	1763
116	1764	1765	1766	1767	1768	1769	1770	1771	1772	1773
117	1774	1775	1776	1777	1778	1779	1780	1781	1782	1783
118	1784	1785	1785	1786	1787	1788	1789	1790	1791	1792
119	1793	1794	1795	1796	1797	1798	1799	1800	1801	1802
120	1803	1804	1805	1806	1807	1807	1808	1809	1810	1811
121	1812	1813	1814	1815	1816	1817	1818	1819	1820	1821
122	1822	1823	1824	1825	1826	1827	1828	1829	1829	1830
123	1831	1832	1833	1834	1835	1836	1837	1838	1839	1840
124	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850

TABLE 27.

Standard multiple-prediction tables for normal basal heat-production of women per 24 hours. Factor for age and stature.[1]

	21	22	23	24	25	26	27	28	29	30	31	32	33
151	181	176	172	167	162	158	153	148	144	139	134	130	125
152	183	178	174	169	164	160	155	150	146	141	136	132	127
153	185	180	175	171	166	161	157	152	147	143	138	133	129
154	187	182	177	173	168	163	159	154	149	145	140	135	131
155	189	184	179	174	170	165	160	156	151	146	142	137	132
156	190	186	181	176	172	167	162	158	153	148	144	139	134
157	192	188	183	178	173	169	164	159	155	150	145	141	136
158	194	189	185	180	175	171	166	161	157	152	147	143	138
159	196	191	187	182	177	173	168	163	158	154	149	144	140
160	198	193	188	184	179	174	170	165	160	156	151	146	142
161	199	195	190	186	181	176	172	167	162	158	153	148	143
162	201	197	192	187	183	178	173	169	164	159	155	150	145
163	203	199	194	189	185	180	175	171	166	161	157	152	147
164	205	200	196	191	186	182	177	172	168	163	158	154	149
165	207	202	198	193	188	184	179	174	170	165	160	156	151
166	209	204	199	194	190	185	181	176	171	167	162	157	153
167	211	206	201	197	192	187	183	178	173	169	164	159	155
168	213	208	203	199	194	189	184	180	175	170	166	161	156
169	214	210	205	200	196	191	186	182	177	172	168	163	158
170	216	212	207	202	198	193	188	184	179	174	169	165	160
171	218	213	209	204	199	195	190	185	181	176	171	167	162
172	220	215	211	206	201	197	192	187	183	178	173	169	164
173	222	217	212	208	203	198	194	189	184	180	175	170	166
174	224	219	214	210	205	200	196	191	186	182	177	172	168
175	225	221	216	211	207	202	197	193	188	183	179	174	169
176	227	223	218	213	209	204	199	195	190	185	181	176	171
177	229	225	220	215	210	206	201	196	192	187	182	178	173
178	231	226	222	217	212	208	203	198	194	189	184	180	175
179	233	228	224	219	214	210	205	200	195	191	186	181	177
180	235	230	225	221	216	211	207	202	197	193	188	183	179
181	237	232	227	223	218	213	209	204	199	195	190	185	180
182	238	234	229	224	220	215	210	206	201	196	192	187	182
183	240	236	231	226	222	217	212	208	203	198	194	189	184
184	242	237	233	228	223	219	214	209	205	200	195	191	186
185	244	239	235	230	225	221	216	211	207	202	197	193	188
186	246	241	236	232	227	222	218	213	208	204	199	194	190
187	248	243	238	234	229	224	220	215	210	206	201	196	192
188	250	245	240	236	231	226	221	217	212	207	203	198	193
189	251	247	242	237	233	228	223	219	214	209	205	200	195
190	253	249	244	239	235	230	225	221	216	211	206	202	197
191	255	250	246	241	236	232	227	222	218	213	208	204	199
192	257	252	248	243	238	234	229	224	220	215	210	206	201
193	259	254	249	245	240	235	231	226	221	217	212	207	203
194	261	256	251	247	242	237	233	228	223	219	214	209	205
195	262	258	253	248	244	239	234	230	225	220	216	211	206
196	264	260	255	250	246	241	236	232	227	222	218	213	208
197	266	262	257	252	247	243	238	233	229	224	219	215	210
198	268	263	259	254	249	245	240	235	231	226	221	217	212
199	270	265	261	256	251	247	242	237	232	228	223	218	214
200	272	267	262	258	253	248	244	239	234	230	225	220	216

[1] This table is found in Carnegie Inst. Wash. Pub. No. 279, 1919, pp. 262–266.

TABLE 27—*Continued.*

	34	35	36	37	38	39	40	41	42	43	44	45	46
151	120	116	111	106	102	97	92	88	83	78	74	69	64
152	122	117	113	108	103	99	94	89	85	80	75	71	66
153	124	119	115	110	105	101	96	91	87	82	77	73	68
154	126	121	117	112	107	102	98	93	88	84	79	74	70
155	128	123	118	114	109	104	100	95	90	86	81	76	72
156	130	125	120	116	111	106	102	97	92	87	83	78	73
157	131	127	122	117	113	108	103	99	94	89	85	80	75
158	133	129	124	119	115	110	105	101	96	91	87	82	77
159	135	130	126	121	116	112	107	102	98	93	88	84	79
160	137	132	128	123	118	114	109	104	100	95	90	86	81
161	139	134	129	125	120	115	111	106	101	97	92	87	83
162	141	136	131	127	122	117	113	108	103	99	94	89	85
163	143	138	133	128	124	119	114	110	105	100	96	91	86
164	144	140	135	130	126	121	116	112	107	102	98	93	88
165	146	142	137	132	128	123	118	113	109	104	99	95	90
166	148	143	139	134	129	125	120	115	111	106	101	97	92
167	150	145	141	136	131	127	122	117	113	108	103	98	94
168	152	147	142	138	133	128	124	119	114	110	105	100	96
169	154	149	144	140	135	130	126	121	116	112	107	102	98
170	155	151	146	141	137	132	127	123	118	113	109	104	99
171	157	153	148	143	139	134	129	125	120	115	111	106	101
172	159	154	150	145	140	136	131	126	122	117	112	108	103
173	161	156	152	147	142	138	133	128	124	119	114	110	105
174	163	158	154	149	144	139	135	130	125	121	116	111	107
175	165	160	155	151	146	141	137	132	127	123	118	113	109
176	167	162	157	153	148	143	139	134	129	124	120	115	110
177	168	164	159	154	150	145	140	136	131	126	122	117	112
178	170	166	161	156	152	147	142	138	133	128	124	119	114
179	172	167	163	158	153	149	144	139	135	130	125	121	116
180	174	169	165	160	155	151	146	141	137	132	127	123	118
181	176	171	166	162	157	152	148	143	138	134	129	124	120
182	178	173	168	164	159	154	150	145	140	136	131	126	122
183	180	175	170	165	161	156	151	147	142	137	133	128	123
184	181	177	172	167	163	158	153	149	144	139	135	130	125
185	183	179	174	169	165	160	155	150	146	141	136	132	127
186	185	180	176	171	166	162	157	152	148	143	138	134	129
187	187	182	178	173	168	164	159	154	150	145	140	135	131
188	189	184	179	175	170	165	161	156	151	147	142	137	133
189	191	186	181	177	172	167	163	158	153	149	144	139	134
190	192	188	183	178	174	169	164	160	155	150	146	141	136
191	194	190	185	180	176	171	166	162	157	152	148	143	138
192	196	191	187	182	177	173	168	163	159	154	149	145	140
193	198	193	189	184	179	175	170	165	161	156	151	147	142
194	200	195	191	186	181	176	172	167	162	158	153	148	144
195	202	197	192	188	183	178	174	169	164	160	155	150	146
196	204	199	194	190	185	180	175	171	166	161	157	152	147
197	205	201	196	191	187	182	177	173	168	163	159	154	149
198	207	203	198	193	189	184	179	175	170	165	160	156	151
199	209	204	200	195	190	186	181	176	172	167	162	158	153
200	211	206	202	197	192	188	183	178	174	169	164	160	155

TABLE 27—*Continued.*

	47	48	49	50	51	52	53	54	55	56	57	58	59
151	60	55	50	46	41	36	31	27	22	17	13	8	3
152	61	57	52	47	43	38	33	29	24	19	15	10	5
153	63	59	54	49	45	40	35	31	26	21	16	12	7
154	65	60	56	51	46	42	37	32	28	23	18	14	9
155	67	62	58	53	48	44	39	34	30	25	20	16	11
156	69	64	59	55	50	45	41	36	31	27	22	17	13
157	71	66	61	57	52	47	43	38	33	29	24	19	15
158	72	68	63	58	54	49	44	40	35	30	26	21	16
159	74	70	65	60	56	51	46	42	37	32	28	23	18
160	76	72	67	62	57	53	48	43	39	34	29	25	20
161	78	73	69	64	59	55	50	45	41	36	31	27	22
162	80	75	71	66	61	57	52	47	42	38	33	28	24
163	82	77	72	68	63	58	54	49	44	40	35	30	26
164	84	79	74	70	65	60	56	51	46	42	37	32	27
165	85	81	76	71	67	62	57	53	48	43	39	34	29
166	87	83	78	73	69	64	59	55	50	45	41	36	31
167	89	84	80	75	70	66	61	56	52	47	42	38	33
168	91	86	82	77	72	68	63	58	54	49	44	40	35
169	93	88	83	79	74	69	65	60	55	51	46	41	37
170	95	90	85	81	76	71	67	62	57	53	48	43	39
171	97	92	87	83	78	73	68	64	59	54	50	45	40
172	98	94	89	84	80	75	70	66	61	56	52	47	42
173	100	96	91	86	82	77	72	67	63	58	53	49	44
174	102	97	93	88	83	79	74	69	65	60	55	51	46
175	104	99	95	90	85	81	76	71	67	62	57	52	48
176	106	101	96	92	87	82	78	73	68	64	59	54	50
177	108	103	98	94	89	84	80	75	70	66	61	56	52
178	109	105	100	95	91	86	81	77	72	67	63	58	53
179	111	107	102	97	93	88	83	79	74	69	65	60	55
180	113	108	104	99	94	90	85	80	76	71	66	62	57
181	115	110	106	101	96	92	87	82	78	73	68	64	59
182	117	112	108	103	98	93	89	84	79	75	70	65	61
183	119	114	109	105	100	95	91	86	81	77	72	67	63
184	121	116	111	107	102	97	93	88	83	78	74	69	64
185	122	118	113	108	104	99	94	90	85	80	76	71	66
186	124	120	115	110	106	101	96	92	87	82	78	73	68
187	126	121	117	112	107	103	98	93	89	84	79	75	70
188	128	123	119	114	109	105	100	95	91	86	81	77	72
189	130	125	120	116	111	106	102	97	92	88	83	78	74
190	132	127	122	118	113	108	104	99	94	90	85	80	76
191	134	129	124	119	115	110	105	101	96	91	87	82	77
192	135	131	126	121	117	112	107	103	98	93	89	84	79
193	137	133	128	123	119	114	109	104	100	95	90	86	81
194	139	134	130	125	120	116	111	106	102	97	92	88	83
195	141	136	132	127	122	118	113	108	104	99	94	89	85
196	143	138	133	129	124	119	115	110	105	101	96	91	87
197	145	140	135	131	126	121	117	112	107	103	98	93	89
198	146	142	137	132	128	123	118	114	109	104	100	95	90
199	148	144	139	134	130	125	120	116	111	106	102	97	92
200	150	145	141	136	131	127	122	117	113	108	103	99	94

TABLE 27—*Continued.*

	60	61	62	63	64	65	66	67	68	69	70
151	− 1.2	− 6	−11	−15	−20	−25	−29	−34	−39	−43	−48
152	0.6	− 4	− 9	−13	−18	−23	−27	−32	−37	−41	−46
153	2	− 2	− 7	−12	−16	−21	−26	−30	−35	−40	−44
154	4	0	− 5	−10	−14	−19	−24	−28	−33	−38	−42
155	6	1	− 3	− 8	−13	−17	−22	−27	−31	−36	−41
156	8	3	− 1	− 6	−11	−15	−20	−25	−29	−34	−39
157	10	5	1	− 4	− 9	−14	−18	−23	−28	−32	−37
158	12	7	2	− 2	− 7	−12	−16	−21	−26	−30	−35
159	14	9	4	0	− 5	−10	−15	−19	−24	−29	−33
160	15	11	6	1	− 3	− 8	−13	−17	−22	−27	−31
161	17	13	8	3	− 1	− 6	−11	−15	−20	−25	−30
162	19	14	10	5	0	− 4	− 9	−14	−18	−23	−28
163	21	16	12	7	2	− 2	− 7	−12	−16	−21	−26
164	23	18	13	9	4	− 1	− 5	−10	−15	−19	−24
165	25	20	15	11	6	1	− 3	− 8	−13	−17	−22
166	26	22	17	12	8	3	− 2	− 6	−11	−16	−20
167	28	24	19	14	10	5	0	− 4	− 9	−14	−18
168	30	26	21	16	11	7	2	− 3	− 7	−12	−17
169	32	27	23	18	13	9	4	− 1	− 5	−10	−15
170	34	29	25	20	15	11	6	1	− 4	− 8	−13
171	36	31	26	22	17	12	8	3	− 2	− 6	−11
172	38	33	28	24	19	14	10	5	0	− 4	− 9
173	39	35	30	25	21	16	11	7	2	− 3	− 7
174	41	37	32	27	23	18	13	9	4	− 1	− 5
175	43	38	34	29	24	20	15	10	6	1	− 4
176	45	40	36	31	26	22	17	12	8	3	− 2
177	47	42	37	33	28	23	19	14	9	5	0
178	49	44	39	35	30	25	21	16	11	7	2
179	51	46	41	37	32	27	22	18	13	8	4
180	52	48	43	38	34	29	24	20	15	10	6
181	54	50	45	40	36	31	26	22	17	12	8
182	56	51	47	42	37	33	28	23	19	14	9
183	58	53	49	44	39	35	30	25	21	16	11
184	60	55	50	46	41	36	32	27	22	18	13
185	62	57	52	48	43	38	34	29	24	20	15
186	63	59	54	49	45	40	35	31	26	21	17
187	65	61	56	51	47	42	37	33	28	23	19
188	67	63	58	53	48	44	39	34	30	25	20
189	69	64	60	55	50	46	41	36	32	27	22
190	71	66	62	57	52	48	43	38	33	29	24
191	73	68	63	59	54	49	45	40	35	31	26
192	75	70	65	61	56	51	47	42	37	33	28
193	76	72	67	62	58	53	48	44	39	34	30
194	78	74	69	64	60	55	50	46	41	36	32
195	80	75	71	66	61	57	52	47	43	38	33
196	82	77	73	68	63	59	54	49	45	40	35
197	84	79	74	70	65	60	56	51	46	42	37
198	86	81	76	72	67	62	58	53	48	44	39
199	88	83	78	74	69	64	59	55	50	45	41
200	89	85	80	75	71	66	61	57	52	47	43

TABLE 28.

Calories per square meter of body-surface (height-weight formula) per hour, Aub and Du Bois standards.

Age, years	Males	Females
14 to 16	46.0	43.0
16 18	43.0	40.0
18 20	41.0	38.0
20 30	39.5	37.0
30 40	39.5	36.5
40 50	38.5	36.0
50 60	37.5	35.0
60 70	36.5	34.0
70 80	35.5	33.0

TABLE 29.

Formulas for predicting basal metabolism of males and females. (Dreyer.)

Males:

$$C = \frac{\sqrt[2]{W}}{0.1015 \times A^{0.1333}}$$

C = calories per 24 hours.
W = body-weight in grams.
A = age in years.

Females:

$$C = \frac{\sqrt[2]{W}}{0.1125 \times A^{0.1333}}$$

C = calories per 24 hours.
W = body-weight in grams.
A = age in years.

TABLE 30.

Weights of gases at 0° C. and 760 mm. pressure, at sea-level and 45° latitude, and their equivalent volumes.

	Remarks.
1 liter of oxygen = 1.4292 grams	Landolt-Bornstein, Physikalisch-chemische Tabellen, Berlin, 1905, p. 222.
1 liter of carbon dioxid = 1.9652 grams	Do.
1 liter of nitrogen = 1.2542 grams	Do.
1 liter of air = 1.2928 grams	Ibid, p. 11.
1 liter of water vapor = 0.8132 gram	Reciprocal value of volume equivalent to 1 gram.
1 liter of hydrogen = 0.09004 gram	Landolt-Bornstein, Physikalisch-chemische Tabellen, Berlin, 1905, p. 222.
1 gram of oxygen = 0.6997 liter	Reciprocal value of weight per liter.
1 gram of carbon dioxid = 0.5089 liter	Do.
1 gram of water vapor = 1.2440 liters	Calculated on the assumption that a gram molecule of water vapor occupies 22.412 liters at 0° C. and 760 mm., i. e., it acts as a perfect gas.

TABLE 31.

Equivalents of units of energy.[1] ($g = 980.5$)

	Ergs	Kilojoules[4]	Gram meter	Kilogram meter	Foot-pounds	cal. 18° C.	Cal. 18° C.
1 Kilojoule	10^{10}		101989		738.1	239.1	0.2391
1 gram-meter	980.5×10^2	$980.5 \div 10^5$		0.001	0.007236	0.002344	$0.2344 \div 10^5$
1 kilogram-meter	980.5×10^5	$980.5 \div 10^5$	1000		7.236	2.344	0.002344
1 foot-pound	135.5×10^5	$135.5 \div 10^5$	138.2	0.1382		0.3239	0.000324
1 cal.[2] 18°	4.183×10^7	0.004183	426.6	0.4266	3.087		0.001
1 Cal.[3] 18°	4.183×10^{10}	4.183	426600	426.6	3087	1000	

[1] Armsby's Principles of Animal Nutrition, New York, 1906, p. 233. [2] Gram calories. [3] Kilogram calories.
[4] Smithsonian Physical Tables, 1920, p. 197, table 212, gives 4.184 joules as "best" value for 1 gram calorie (20° C.). ($g = 980.7$)

TABLE 32.

Equivalents of power, work, and energy. ($g = 981$ centimeters per second per second.)

1 horse power = 745.956 watts.[2]
1 horse power = 4562.42 kilogrammeters per minute.[1]
1 horse power = 33,000 foot-pounds per minute.[1]
1 watt = 0.1019 kilogrammeter per second.
1 watt = 0.737308 foot-pound per second.[2]
1 watt = 1 joule per second = 10,000,000 ergs per sec.
1 British thermal unit per second = 1055 watts.[4]
1 British thermal unit = 778 foot-pounds.[4]
1 gram calorie per second = 4.187 watts.
1 kilogrammeter per second = 9.81 watts.[2]
1 British thermal unit = 0.251996 kilogram calorie.[3]
1 watt-second = 0.2388 gram-calorie.

[1] Smithsonian Physical Tables, 1896, p. 19. [2] Ibid, p. 21. [3] Ibid, p. 24.
[4] Mann and Twiss, Physics, 1910, p. 213.

TABLE 33.

Miscellaneous equivalents.

1 meter = 39.3700 inches.[1]
1 meter = 3.28083 feet.[1]
1 kilometer = 0.62137 mile.[1]
1 mile = 1609.35 meters.[2]
1 inch = 25.4001 millimeters.[2]
1 cubic foot = 28.317 liters.[3]
= 1728 cubic inches.[2]
= 0.028317 cubic meter.[3]
1 cubic inch = 16.387 cubic centimeters.[2]
1 ounce avoirdupois = 28.3495 grams.[3]
1 pound = 453.59 grams.[2]
1 quart (U. S.) = 0.94636 liter.[3]
1 liter = 1.05668 quart (U. S.).[4]
1 mile per hour = 26.822 meters per minute.
1 meter per minute = .03728 mile per hour.

[1] Smithsonian Physical Tables, 1920, p. 6. [2] Ibid, p. 5.
[3] Smithsonian Geographical Tables, 1918, p. 173. [4] Ibid, p. 174.

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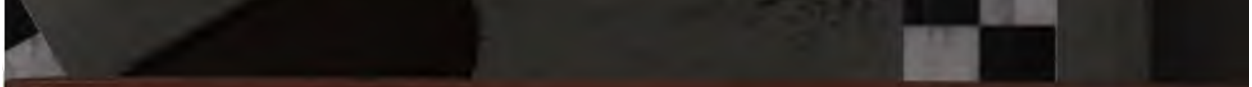
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